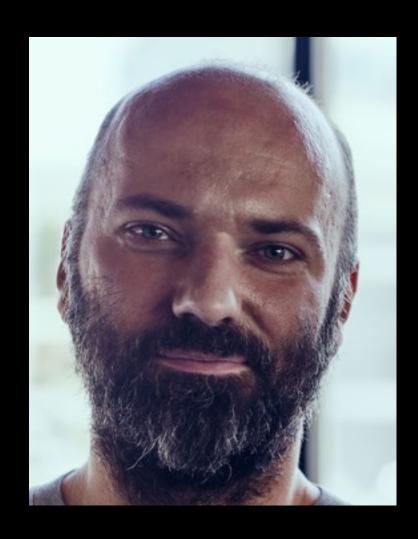
HYPOTHESIS DRIVEN DEVELOPMENT

USING DATA THE RIGHT WAY

WHO ARE WE?



Georg Friedrich georg@redbubble.com



David Carlin david.carlin@redbubble.com

Software Engineers at REDBUBBLE



WHAT IS A REDBUBBLE?





Q Search products, artworks and themes



Men's Women's Kids Cases & Skins Stickers Wall Art Home Decor Stationery Bags Lookbook

BUY SHINY INDEPENDENT DESIGNS ON SUPER-GREAT PRODUCTS

Shop

Mens

Womens

Kids

Cases & Skins

Stickers

Wall Art

Home Decor

Stationery

Bags

Gift Certificates





Talking Art in Motion with Dancer Sarah 'Smac' McCreanor



Category

Animal

Music

Science

Sport

Join RB

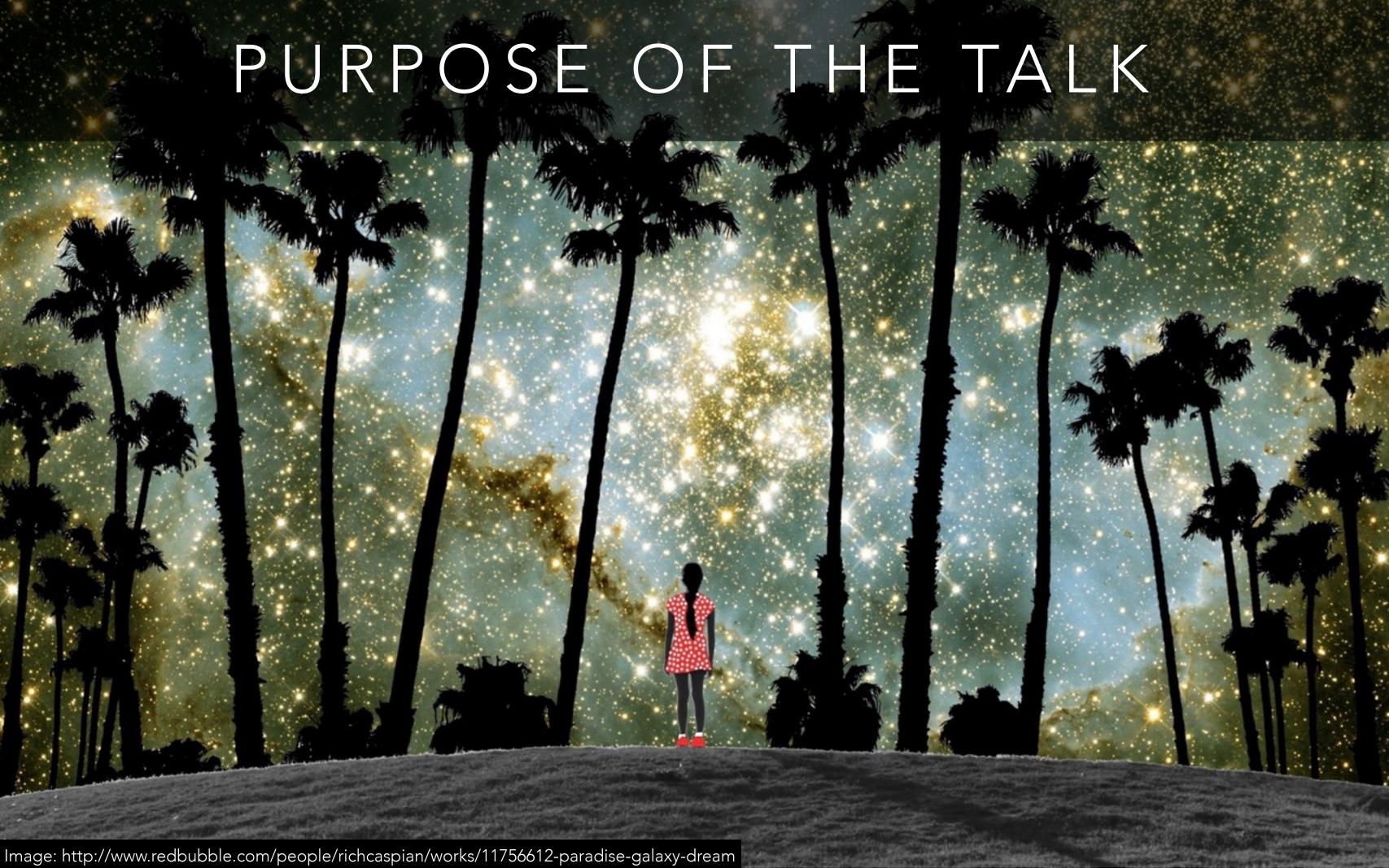
About Redhubble

Found by RB

26

WHAT IS REDBUBBLE?

- An online marketplace for independent artists
- Over 80,000 selling artists
- Paid over \$10M to artists in 2014 alone!
- WE'RE HIRING!







T-Shirts

Writing

Community

Groups

MyBubble

Search

>> 711 C T-Shirt





Artist: onetonshadow - NOT THE MINISTER OF TEES browse t-shirts next >



T-Shirt: \$25.94 change currency

I've had these colour swatches sitting on my desk for 6 months, while I consider which colours to add to the RedBubble range, then I thought, I'll put them on a tee. So I did.

Available for sale as T-Shirts, Kids Clothes and Stickers

T-SHIRT PREVIEWS

Groups

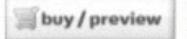
MyBubble

Search

>> 711 C T-Shirt







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Available for sale as T-Shirts, Kids Clothes and Stickers



Favorite

Report Concern

Share This



jumpy looks cool!!



T-SHIRT PREVIEWS

Ecommerce Conversion Rate

10,000 Gift Vouchers for members

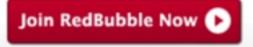
Release of new T-Shirt previews

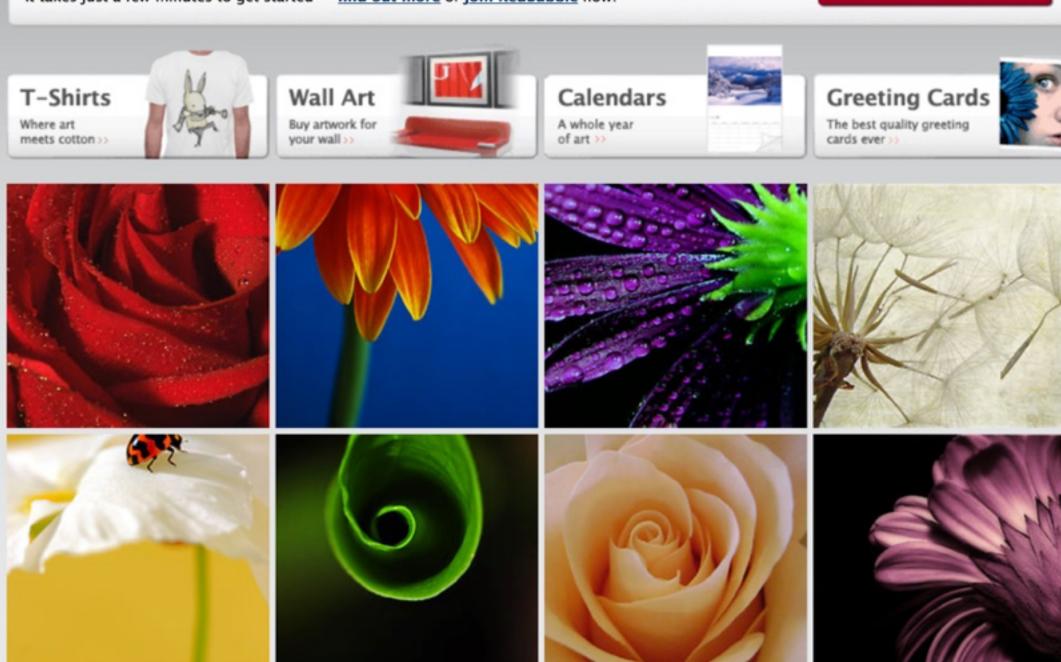
redbubble°

home art t-shirts writing community groups my bubble Search

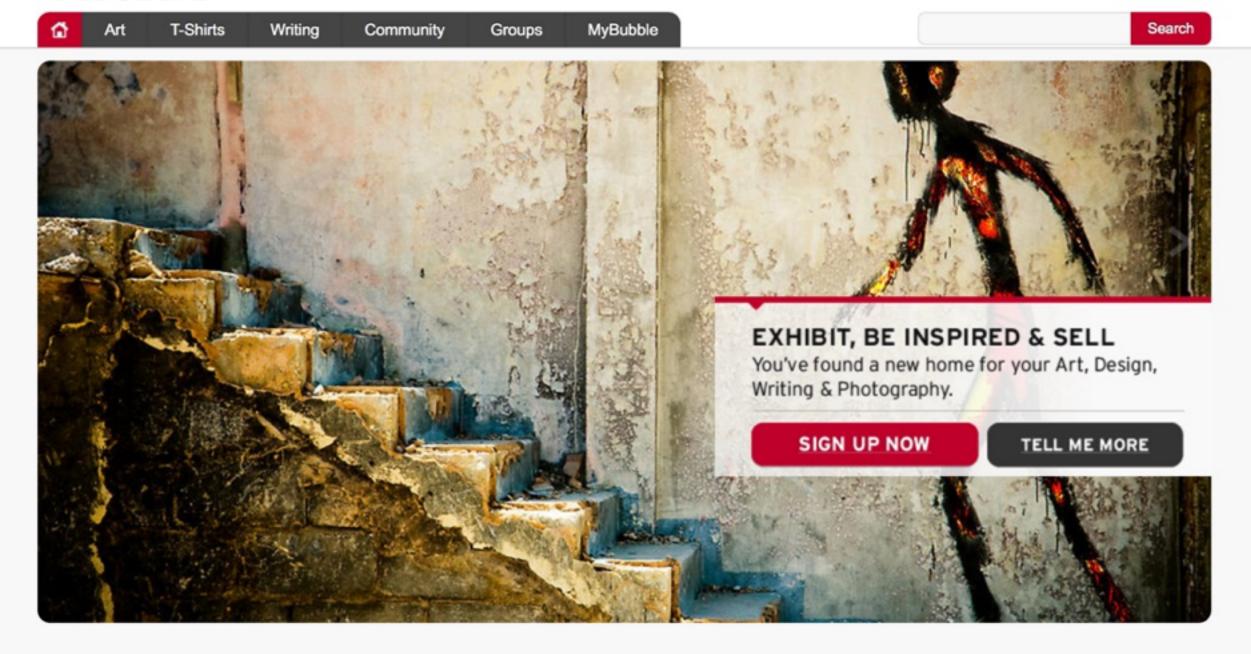
Exhibit your Art, Design & Photography for free on RedBubble

It takes just a few minutes to get started - find out more or join RedBubble now!

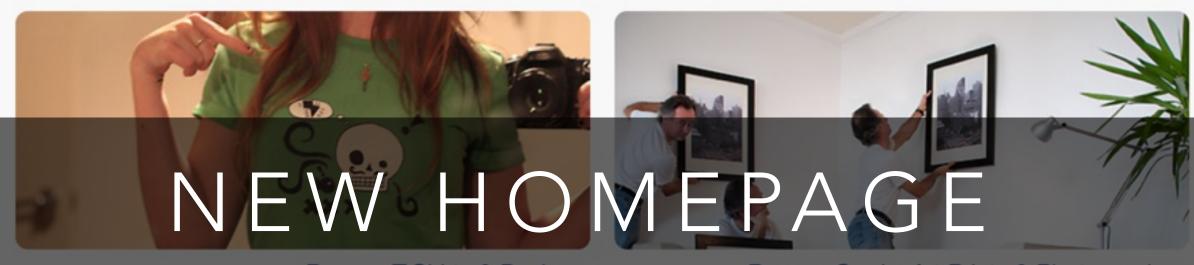


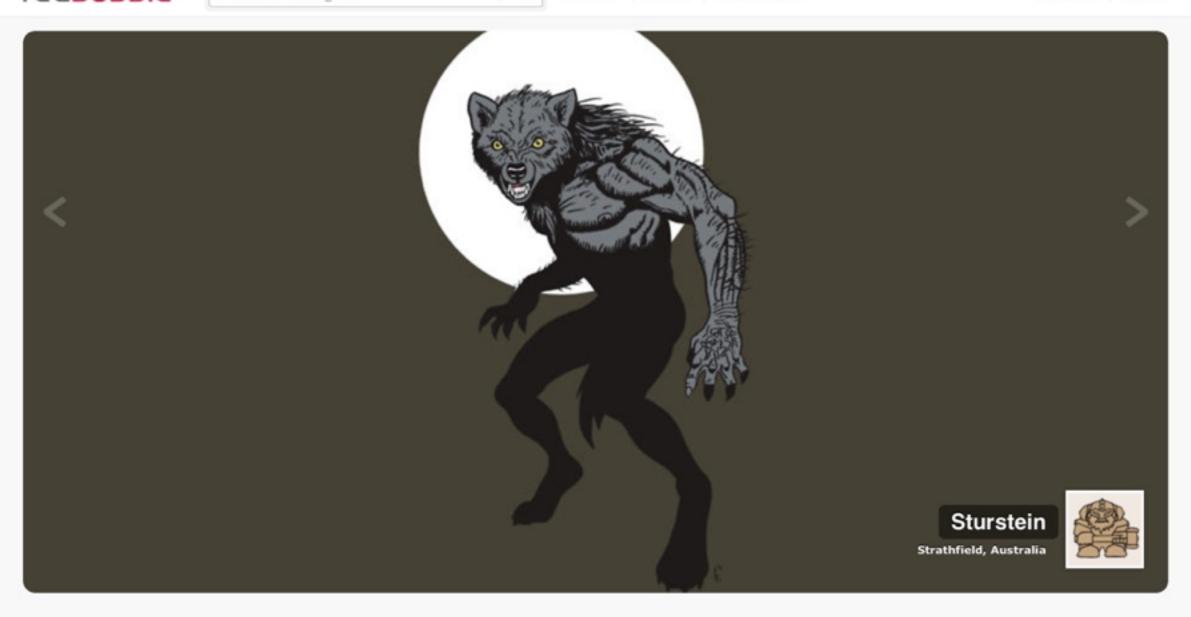






Liberté, égalité, fraternité



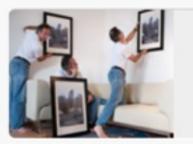


Don't Forget to Blink



Buy T-Shirts

Guys Tees, Girls Tees, Hoodies, Kids T-Shirts and Baby Clothes



Buy Wall Art

Framed Art, Posters, Greeting Cards, Calendars, Canvas Prints and more...

JT US SHIPPING & DELIVERY USER AGREEMENT PRIVACY POLICY PRESS BLOG CONTACT US HELP

SAFE FILTER: ON CURRENCY: USD



REDBUBBLE

Shop

T-Shirts & Hoodies

Stickers

iPhone & iPod Cases

Prints

Posters

Cards

Kids Clothes

Calendars

Gift Certificates

Join RB

About Redbubble

Sign Up Now

BUY SHINY INDEPENDENT DESIGNS ON SUPER-GREAT PRODUCTS





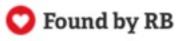
30 Spooky Artworks for Friday the 13th

26 Comments



Featured Artist: Helena Babic

43 Comments















WHAT IMP... T DID THE Ch 1 / / E?

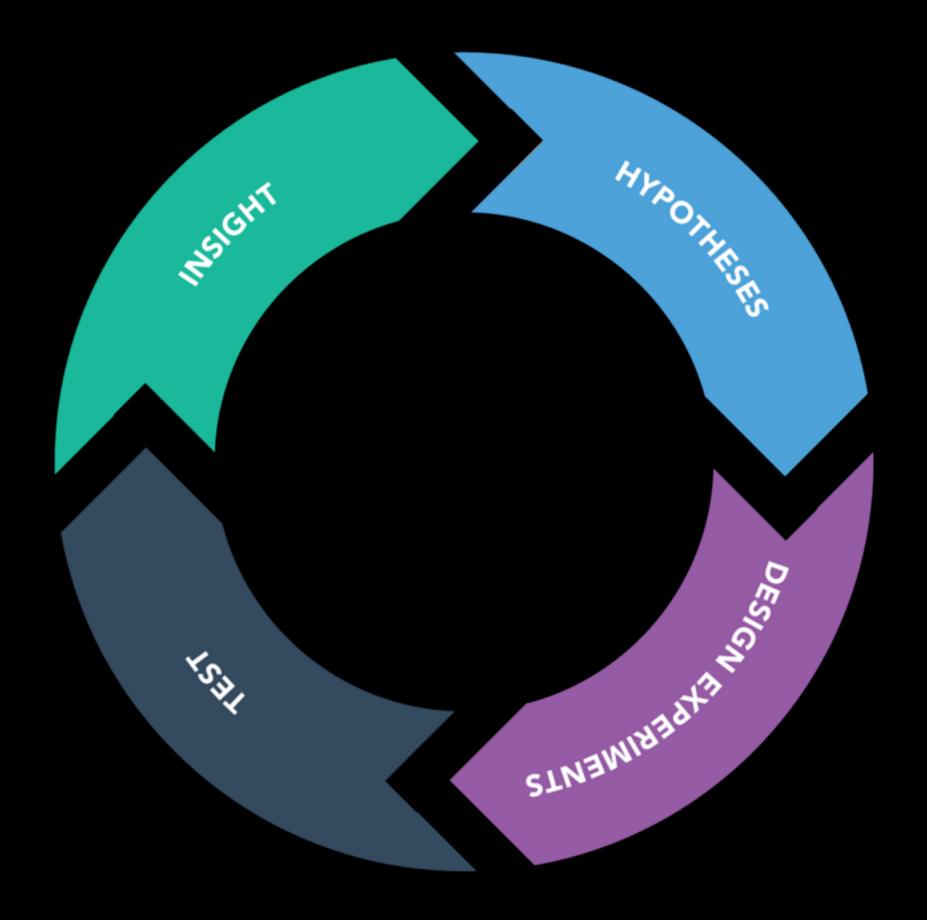


VALIDATED LEARNING

Validated learning is defined as a process in which one learns by trying out an initial idea and then measuring it to validate the effect.

Each test of an idea is a single iteration in a larger process of many iterations whereby something is learnt and then applied to succeeding tests.

VALIDATED LEARNING







HYPOTHESIS

If there are no shipping costs to potential buyers, they will be more likely to transact.

FREE STANDARD SHIPPING ON ALL U.S.A. ORDERS



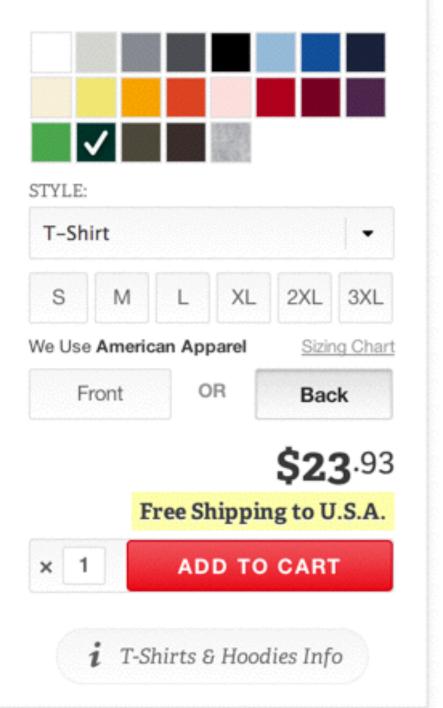






PEGASI DESIGNS > PORTFOLIO > SURVEY CORPS. EMBLEM





Q Search...

i T-Shirts & Hoodies Info.



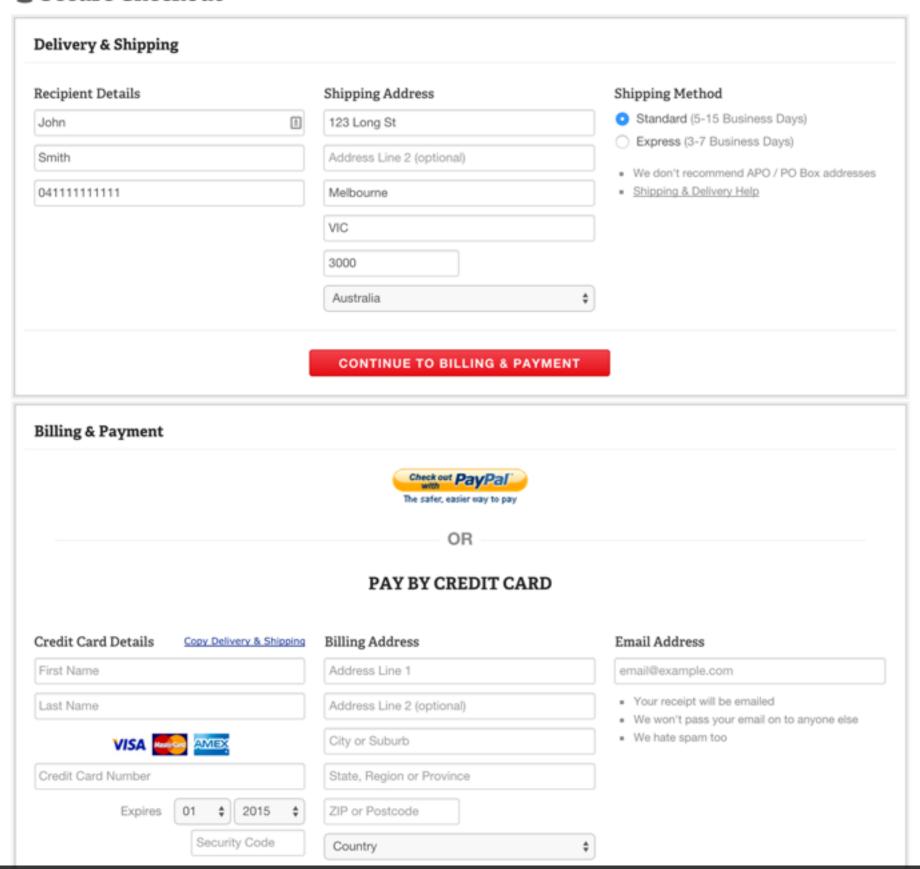
PEGASI DESIGNS > PORTFOLIO > SURVEY CORPS. EMBLEM



LEARNINGS

Test ideas that seem obvious. It can save you a lot of money.

Secure Checkout



FRICTIONLESS PAYMENT SYSTEMS

HYPOTHESIS

If a convenient payment system is available to potential buyers, they will be more likely to transact.

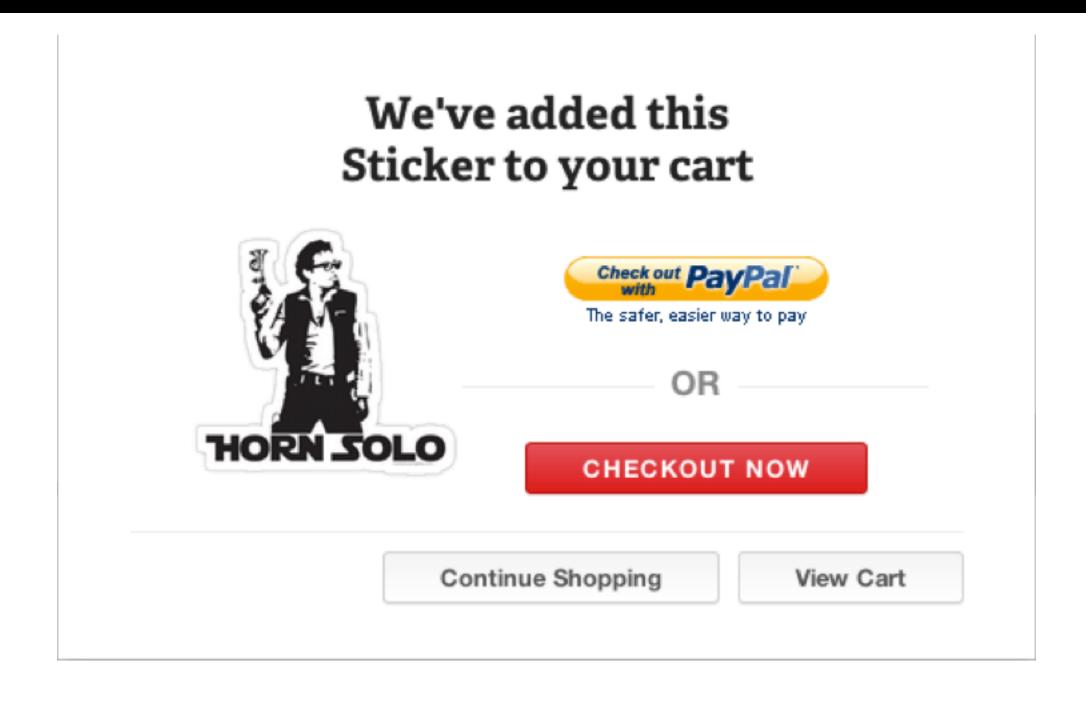
Therefore we should provide more frictionless payment options.

Amazon Payments has the biggest user base amongst frictionless payment systems

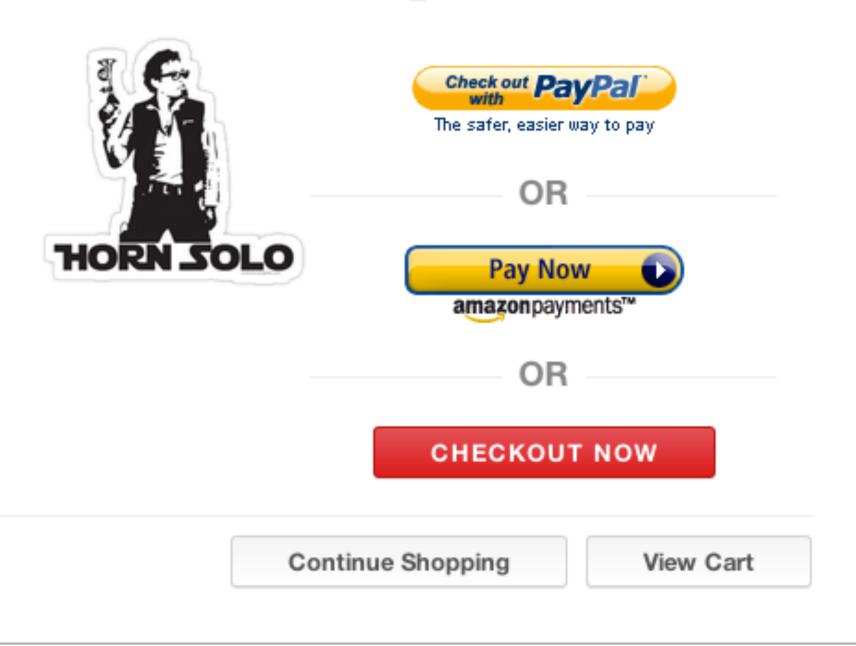
- Paypal: 110M active users
- Amazon: 215M active users

DOWNSIDE

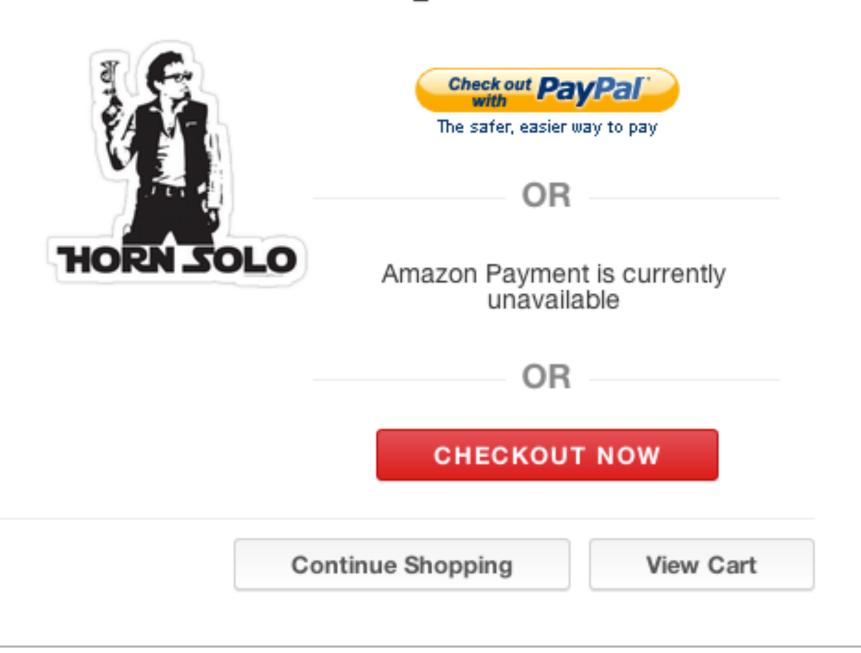
Only accepts USD



We've added this Sticker to your cart

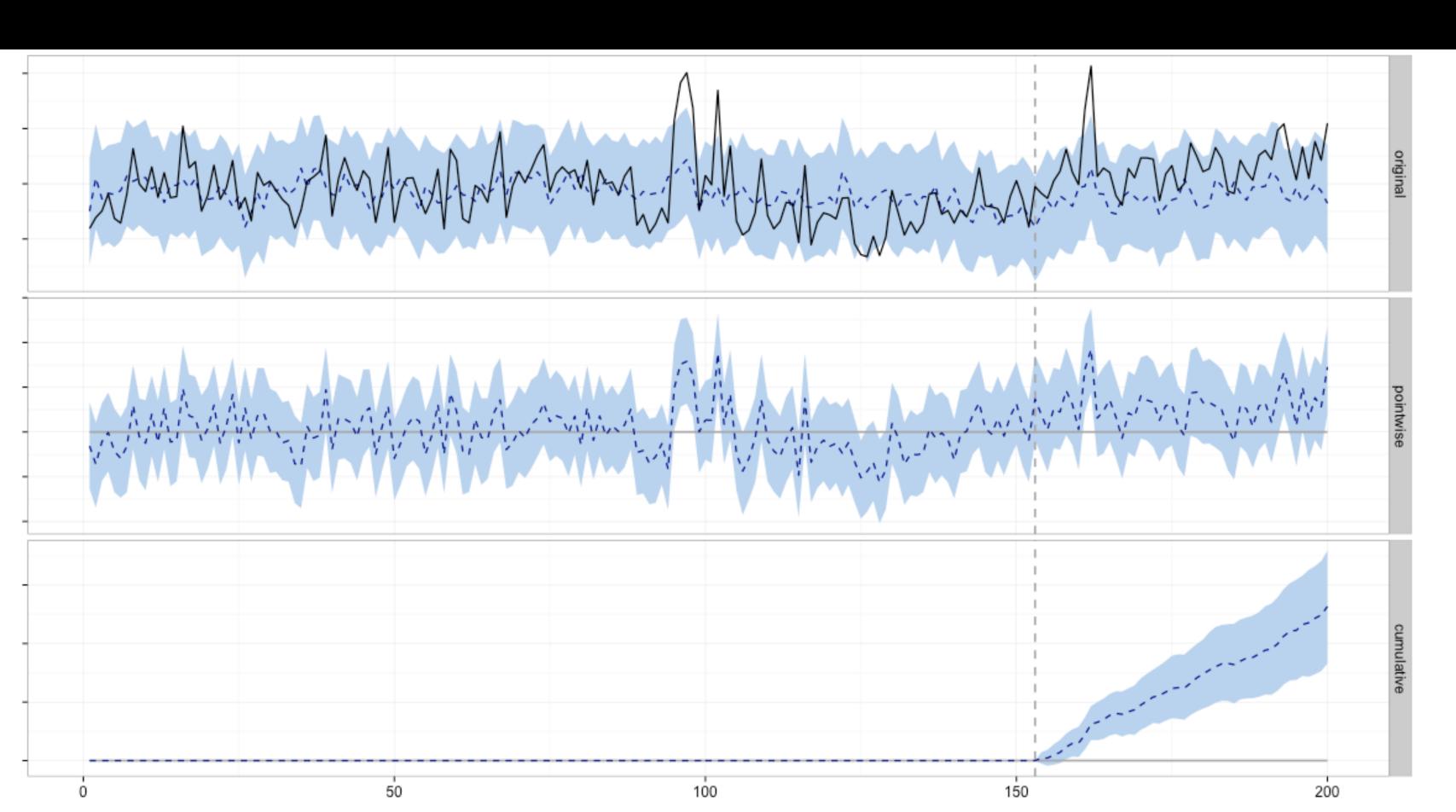


We've added this Sticker to your cart



- We calculated an 8% increase in eCommerce conversion rate.*
- Once implemented, we observed a 5% increase in eCommerce conversion rate.

GOOGLE CAUSAL IMPACT



LEARNINGS

- Use a fake door experiment to test ideas quickly, but keep the customer experience in mind.
- If possible, validate your feature roll-out.

SELL YOUR ART SIGN IN



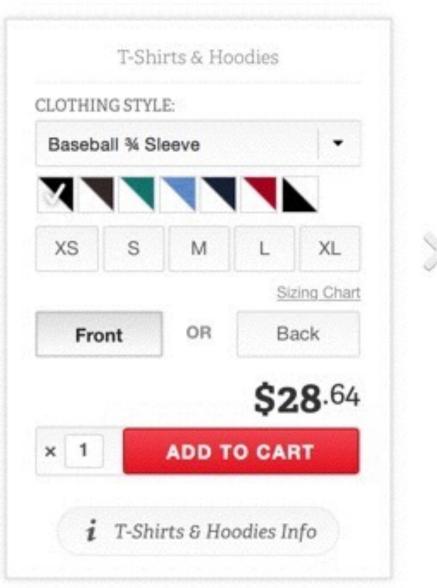
Q Search products, artworks and themes

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Men's Women's Kids Cases Stickers Wall Art Home Decor Stationery Tote Bags Gift Certificates

WOLFSKULLJACK > PORTFOLIO > WEIRD LOVE

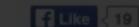




Available to buy on...

REALISTIC T-SHIRT PREVIEWS

Weird Love





HYPOTHESIS

Enabling buyers to understand how a clothing product looks/sits/feels through a more detailed, realistic preview would make them more likely to buy.

Control:



Variant:



We expected 10% increase of people adding T-Shirts to their cart.



- We expected 10% increase of people adding T-Shirts to their cart.
- Actually got no significant increase

WHY?

- Maybe some people don't like tattoos and beards?
- Maybe the bigger image had a negative impact on page load time?
- Maybe people just don't care as much as we thought they did?

LEARNINGS

- A/B testing can only tell you what happened, not why something happened
- Inform others, especially your
 Customer Service Team
- You need a vision to know where you're heading

SIGN IN SELL YOUR ART



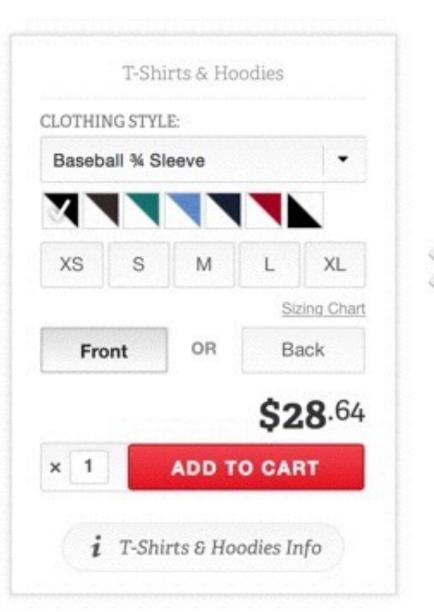
Q Search products, artworks and themes

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Kids Cases Stickers Wall Art Home Decor Stationery Tote Bags Gift Certificates Women's Men's

WOLFSKULLJACK > PORTFOLIO > WEIRD LOVE

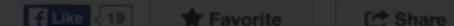




Available to buy on...

PRODUCT PAGES

Weird Love





Behavioural

Eyetracking

Clickstream Analysis A/B Testing

Usability Lab Studies

Ethnographic Field Studies

Unmoderated UX Studies

Concept Testing

Attitudinal

Interviews

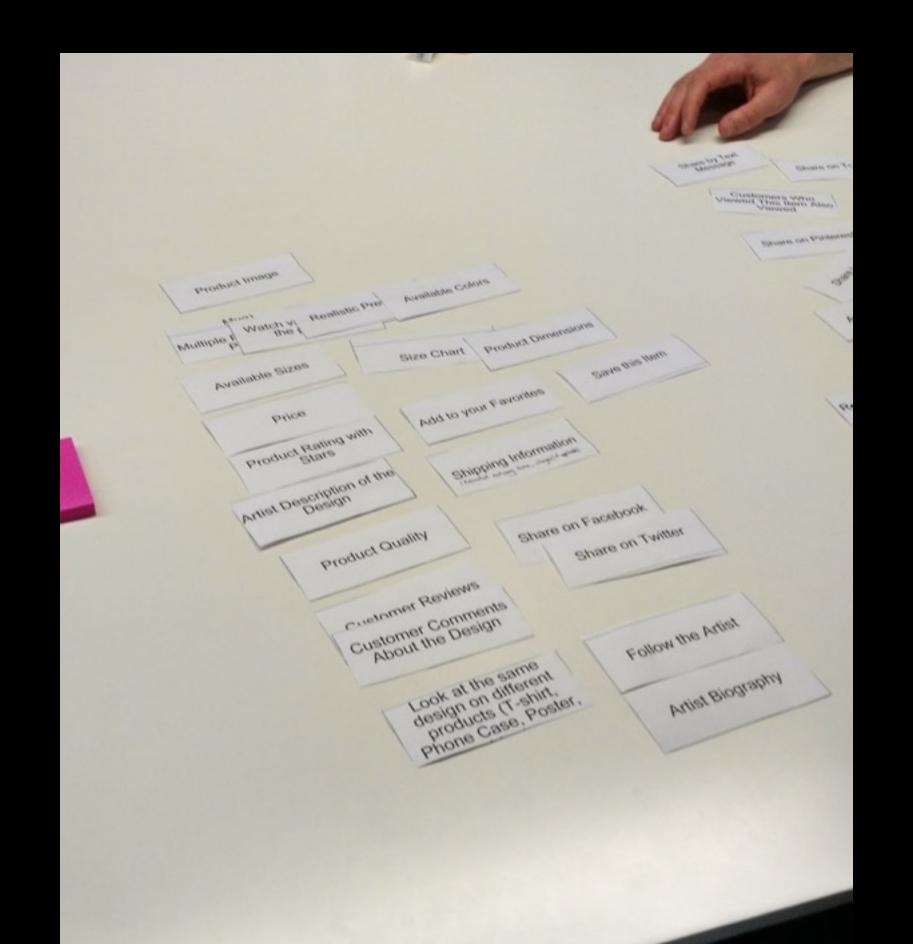
Card Sorting

Surveys

Qualitative (direct)

Quantitative (indirect)

CARD SORTING



CARD SORTING

		USEIT
		EVERY TIME
PRICE	✓	100%
PRODUCT DESCRIPTION		95%
PRODUCTIMAGE		90%
SHIPPING INFORMATION		80%
PRODUCT RATING WITH STAF	RS	80%
AVAILABLE SIZES	V	76%
CUSTOMER REVIEWS		68%

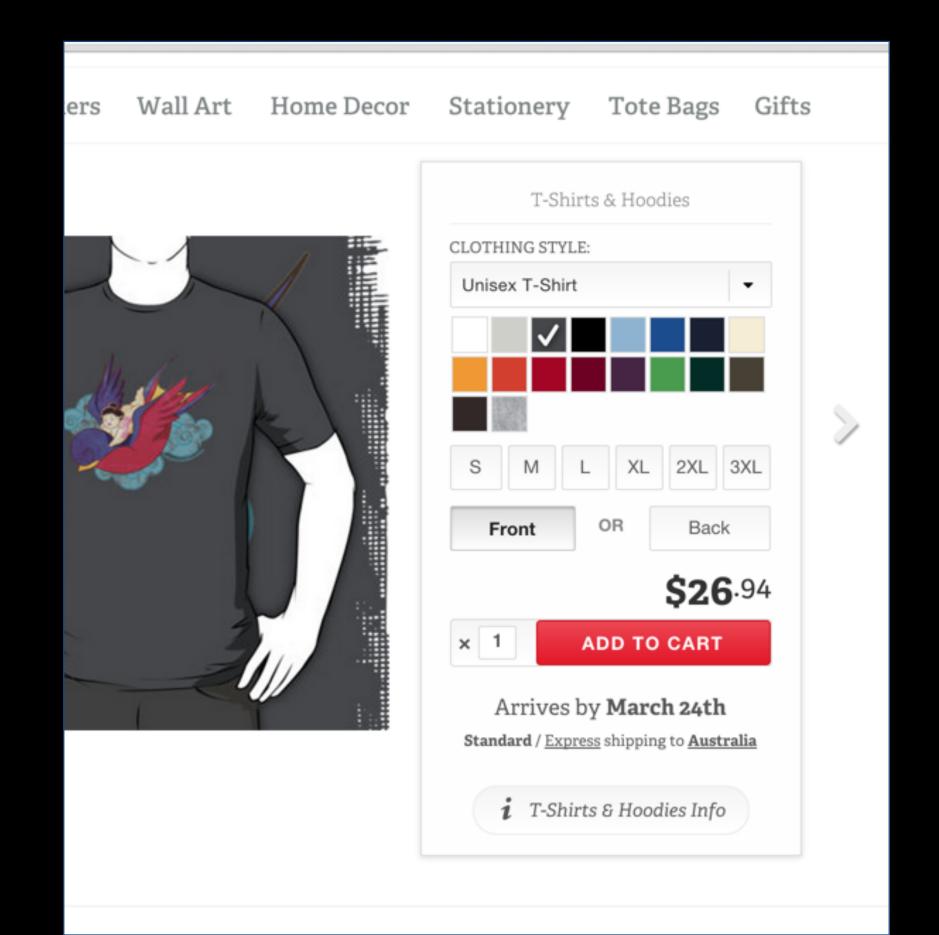
CARD SORTING

	USE IT EVERY TIME
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SHIPPING INFORMATION

	USEIT
	EVERY TIME
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PRODUCT IMAGE ~	90%
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CUSTOMER REVIEWS	68%

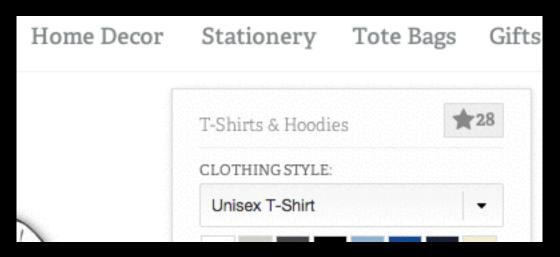
SHIPPING INFORMATION

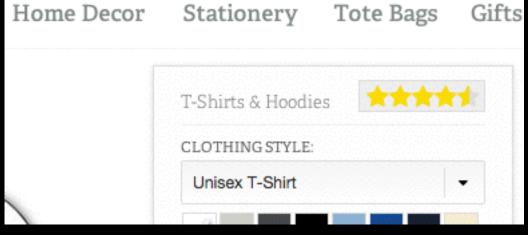


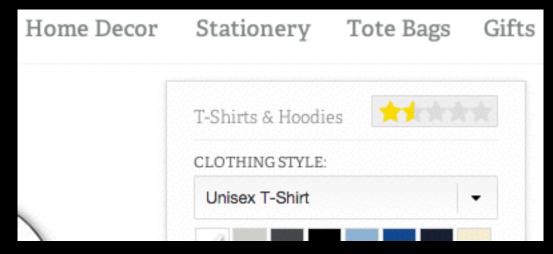
PRODUCT STAR RATING

		USEIT
		EVERY TIME
PRICE		100%
PRODUCT DESCRIPTION		95%
PRODUCTIMAGE		90%
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PRODUCT STAR RATINGS







CUSTOMER REVIEWS

		USE IT EVERY TIME
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PRODUCT RATING WITH STAR	RS	80%
AVAILABLE SIZES		76%
CUSTOMER REVIEWS		68%

CUSTOMER REVIEWS

"My sister absolutely loves it and it came in on time, so I'm happy with it."



"Like with any Redbubble t-shirt, this one was great. The print stuck on perfectly, and the t-shirt is really comfy!"

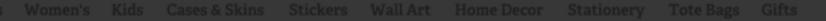


"Love it!"

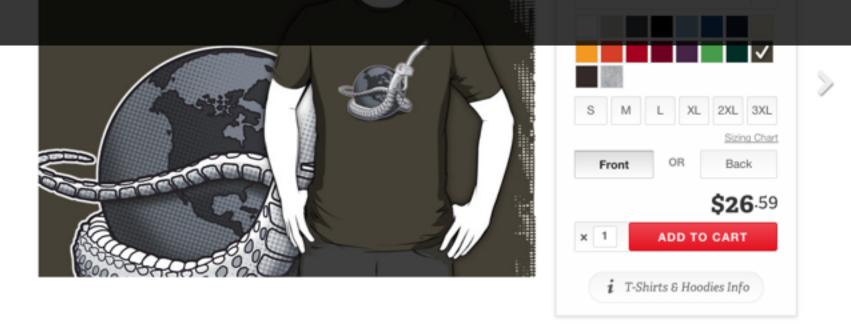
★★★★

"nice case just a bit too slippy had to stop using it !!!"





CUSTOMER REVIEWS



T-Shirt Reviews

UNISEX T-SHIRT (1393 REVIEWS)

★★★★★ Average

krissi hart Jan 09, 2015

Quality ★★★★ Print ★★★★ Arrived: On time

Women's sizes run small, had to go up 2 sizes.

Hannah Felter Jan 08, 2015

Quality ★★★★ Print ★★★★ Arrived: Early

It's a gift, so I didn't try it on, but is seems like a good quality shirt.

The print is high quality.

Richard Mayrhofer Jan 09, 2015

Quality ★★★★ Print ★★★★ Arrived: Late

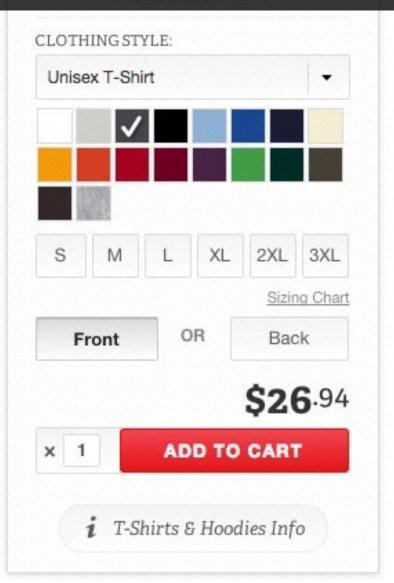
The shirt fits well.

The print is high quality.

AVAILABLE SIZES

		USE IT EVERY TIME
PRICE		100%
PRODUCT DESCRIPTION		95%
PRODUCTIMAGE	/	90%
SHIPPING INFORMATION		80%
PRODUCT RATING WITH STAR	S	80%
AVAILABLE SIZES	/	76%
CUSTOMER REVIEWS		68%





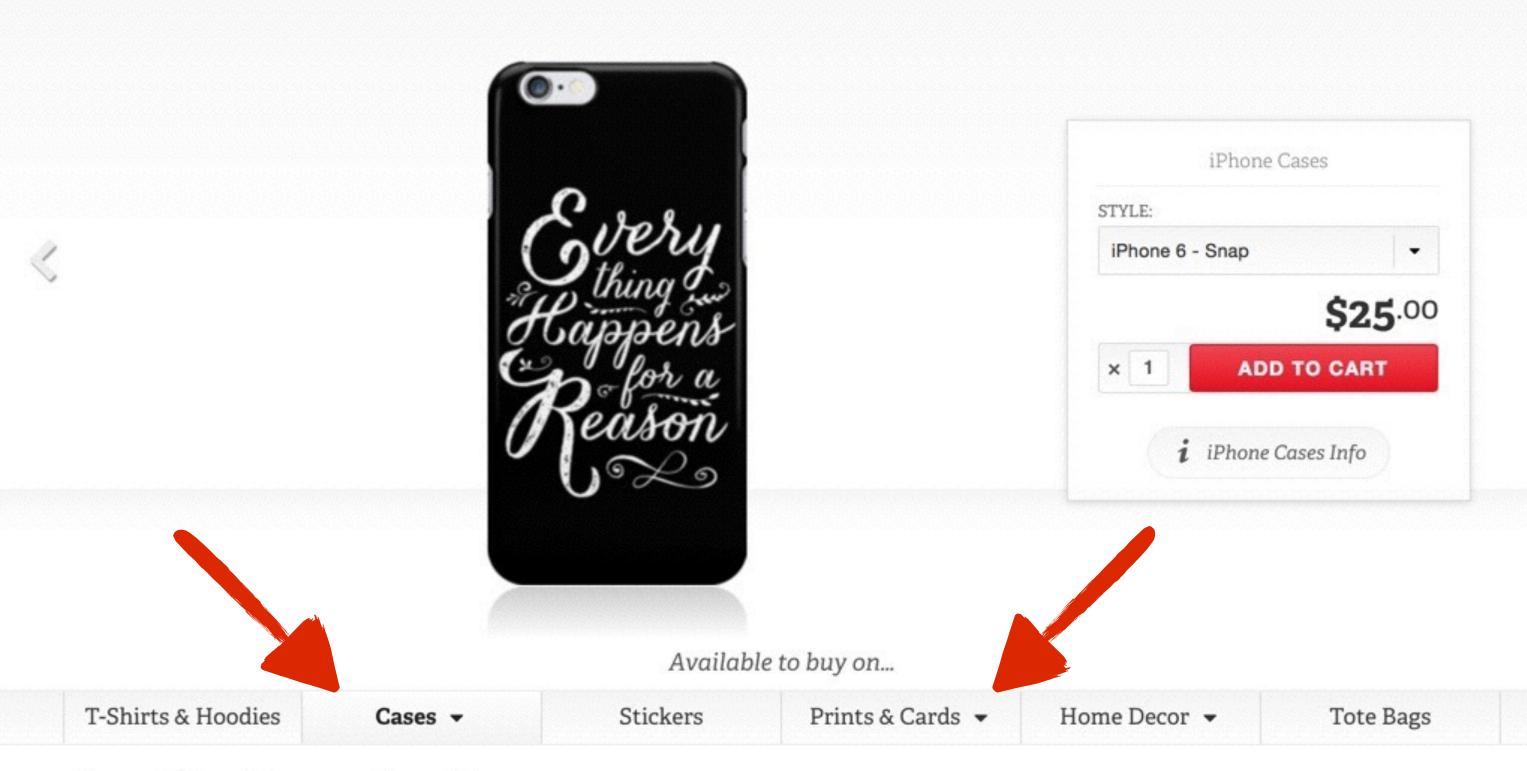


Our classic Unisex T-Shirt is the staple of anyone's wardrobe. A finely tailored men's shirt constructed from 100% cotton, or a perfectly formed women's shirt for those who don't enjoy the more fitting nature of our Women's T-Shirt. With a vast range of colors to choose from there's no excuse for not having an arsenal of these ready for any eventuality.



Size	Chest (cm)	Front Body Length (cm)	Chest (inches)	Front Body Length (inches)
S	43cm	72cm	17"	28.5"
M	49cm	73cm	19.5"	29"
L	54.5cm	76cm	21.5"	30"
XL	59cm	80cm	23"	31.5"
2XL	63.5cm	81.5cm	25"	32"
3XL	69cm	81.5cm	27"	32"

WOLFANDBIRD > PORTFOLIO > EVERYTHING HAPPENS FOR A REASON

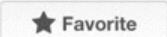


Everything Happens for a Reason

by wolfandbird









WOLFANDBIRD > PORTFOLIO > EVERYTHING HAPPENS FOR A REASON





Everything Happens for a Reason

by wolfandbird

+ FOLLOW

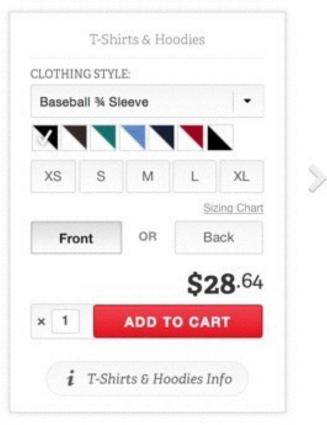




REDBUBBLE BEFORE Rdt Eartworks and themes

WOLFSKULLJACK > PORTFOLIO > WEIRD LOVE





Available to buy on...

T-Shirts & Hoodies

Stickers

Weird Love

by WOLFSKULLJACK

+ FOLLOW



Share

More Work Description Comments (10)

WOLFSKULLJACK'S PORTFOLIO













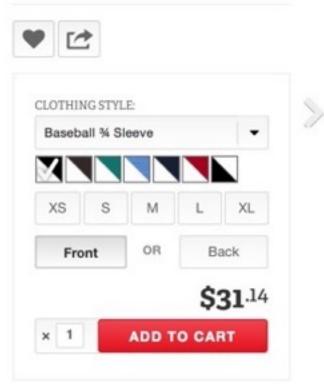


AFTSEEPRICES, artworks and themes

WOLFSKULLJACK > PORTFOLIO > WEIRD LOVE



Weird Love T-Shirts & Hoodies





WOLFSKULLJACK CHELTENHAM, UNITED KINGDOM

FOLLOW

PRODUCT INFO

REVIEWS (3)

AVAILABLE PRODUCTS

17

13

COMMENTS

Sizing Information



Features

- · Available in a variety of sleeve colors
- Sweatshop-free, ethically sourced 50% cotton / 50% polyester
- · Slim fit, order a size up if you'd like it less fitting
- · Cold wash and hang out to dry



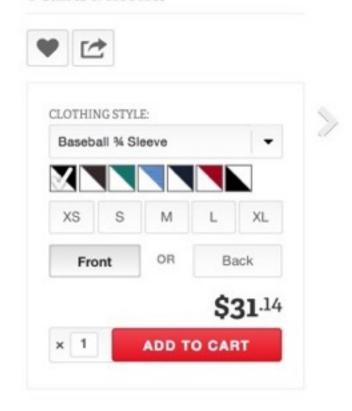
AFTSEE PRicts, artworks and themes

WOLFSKULLJACK > PORTFOLIO > WEIRD LOVE





T-Shirts & Hoodies





WOLFSKULLJACK CHELTENHAM, UNITED KINGDOM

FOLLOW

PRODUCT INFO

REVIEWS (3)

AVAILABLE PRODUCTS 17

COMMENTS

13

Baseball 3/4 Sleeve Reviews

Yay

Megan May 23, 2015

I love the baseball tee. Great quality and true to size. Thank you.

excellent !!!!!







A/B TESTING CAN ONLY TELL YOU WHAT HAPPENED.

IT CAN'T TELL YOU WHY SOMETHING HAPPENED.

TALK TO YOUR CUSTOMERS TO FIND OUT THE WHYS.

DEFINE THE METRICS YOU WANT TO MEASURE UP FRONT.

FOCUS ON LEARNING INSTEAD OF METRIC OPTIMISATION.

TT'S LIKE TDD, BUT FOR BUSINESS VALUE.

