

CSS Shapes

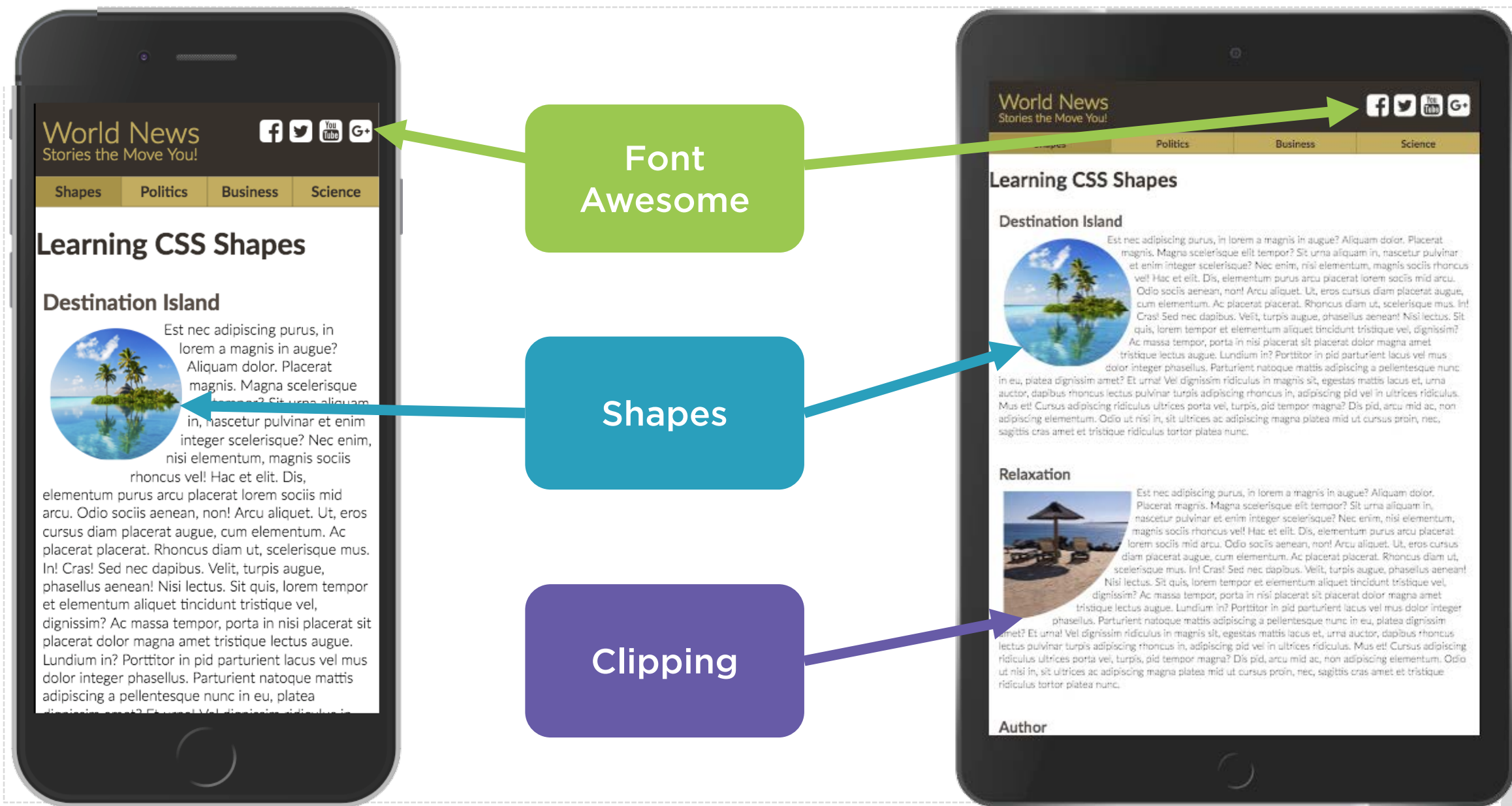


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Agenda



Social Icons

Clipping Paths

CSS Shapes



Fonts for Icons



Hottest Web Fonts

Roboto AaBbCcDdEeFfGgHhIiJjKkLl



Vector

Smooth

Dynamic

Large



Size

Sprites

18kb



Font Awesome

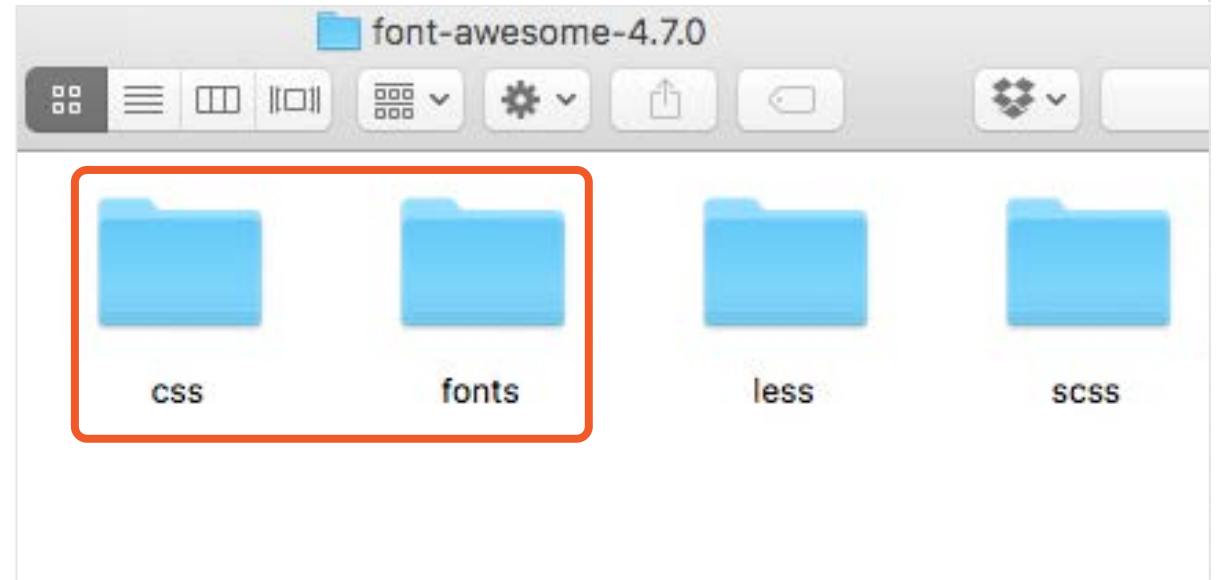
75kb

Network						
Filter						
200 ms 400 ms 600 ms 800 ms 1000 ms 1200 ms 1400 ms 1600 ms						
Name	Status	Type	Initiator	Size	Time	
c3-shapes/	200	document	Other	2.0 KB	757 ms	
styles.css	200	stylesheet	(index)	2.2 KB	37 ms	
font-awesome.min.css	200	stylesheet	(index)	8.1 KB	71 ms	
css?family=Lato:300,700	200	stylesheet	(index)	721 B	185 ms	
circle.png	200	png	(index)	75.6 KB	113 ms	
beach.jpg	200	jpeg	(index)	15.7 KB	135 ms	
author.png	200	png	(index)	54.9 KB	180 ms	
ellipse.jpg	200	jpeg	(index)	13.1 KB	133 ms	
polygon1.jpg	200	jpeg	(index)	11.9 KB	134 ms	
polygon2.jpg	200	jpeg	(index)	6.2 KB	142 ms	
ceo.jpg	200	jpeg	(index)	14.6 KB	134 ms	
fontawesome-webfont.woff2?v=4.7.0	200	font	(index)	75.7 KB	166 ms	
mask.png	200	png	(index)	2.6 KB	75 ms	

 fontawesome-webfont.woff2?v=4.7.0	200	font	(index)	75.7 KB	166 ms
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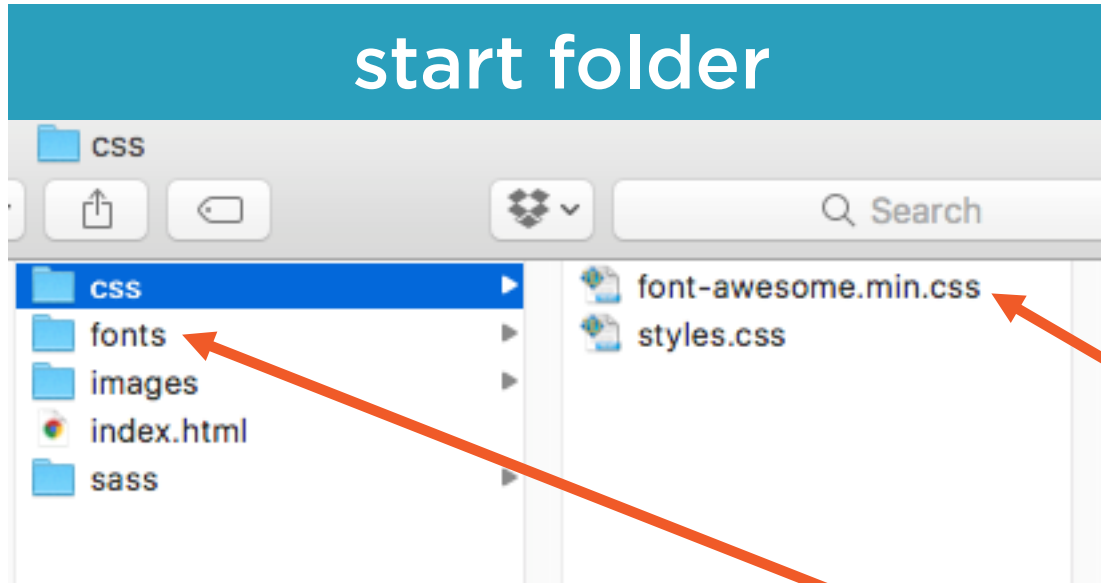


Steps

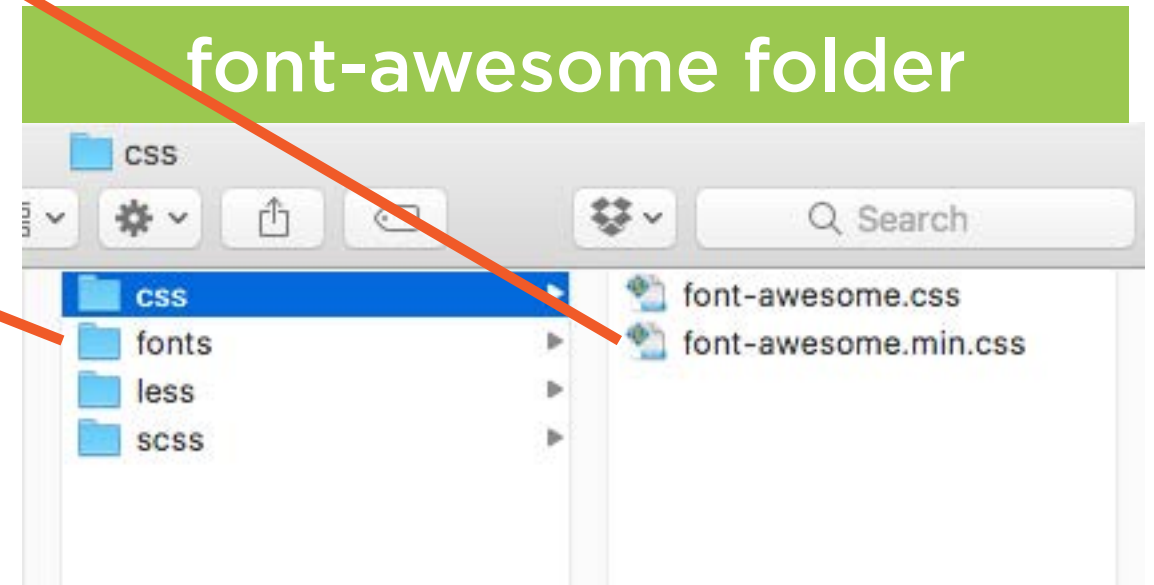


Copy Assets

start folder



font-awesome folder



```
/*!  
 * Font Awesome 4.7.0 by @davegandy - http://fontawesome.io  
 * License - http://fontawesome.io/license  
 */  
@font-face{font-family:'FontAwesome';src:url(../fonts/fontawesome-webfont.woff2?v=4.7.0);src:url(../fonts/fontawesome-webfont.woff2?v=4.7.0);src:url(../fonts/fontawesome-webfont.woff?v=4.7.0);src:url(../fonts/fontawesome-webfont.woff?v=4.7.0);src:url(../fonts/fontawesome-webfont.ttf?v=4.7.0);src:url(../fonts/fontawesome-webfont.eot?v=4.7.0);font-weight:normal;font-style:normal}
```



Add link to header

```
<!-- STYLE SHEETS -->
<link href="css/styles.css" rel="stylesheet">
<link href="css/font-awesome.min.css" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Lato:300,700" rel="stylesheet">
```

```
/*!
 * Font Awesome 4.7.0 by @davegandy - http://fontawesome.io - @fontawesome
 * License - http://fontawesome.io/license (Font: SIL OFL 1.1, CSS: MIT License)
 */@font-face{font-family:'FontAwesome';src:url('../fonts/fontawesome-webfont.eot?v=4.7.0');src:url('../fonts/fontawesome-webfont.eot?#iefix&v=4.7.0') format('embedded-opentype'),url('../fonts/fontawesome-webfont.woff2?v=4.7.0') format('woff2'),url('../fonts/fontawesome-webfont.woff?v=4.7.0') format('woff'),url('../fonts/fontawesome-webfont.ttf?v=4.7.0') format('truetype'),url('../fonts/fontawesome-webfont.svg?v=4.7.0#fontawesomeregular')}
```



Add Icon Code

fontawesome.io/cheatsheet

Font Awesome New Start Icons Examples Community License Blog

Cheatsheet

THE COMPLETE FONT AWESOME 4.7.0 ICON REFERENCE

Every Font Awesome 4.7.0 Icon, CSS Class, & Unicode

 fa-500px [#xf26e;]	4.4	 fa-address-book [#xf2b9;]	4.7
 fa-address-book-o [#xf2ba;]	4.7	 fa-address-card [#xf2bb;]	4.7
 fa-address-card-o [#xf2bc;]	4.7	 fa-adjust [#xf042;]	
 fa-adn [#xf170;]		 fa-align-center [#xf037;]	
 fa-align-justify [#xf039;]		 fa-align-left [#xf036;]	
 fa-align-right [#xf038;]		 fa-amazon [#xf270;]	4.4
 fa-ambulance [#xf099;]		 fa-american-sign-language-interpreting [#xf2a3;]	4.6
 fa-anchor [#xf13d;]		 fa-android [#xf17b;]	
 fa-angellist [#xf209;]	4.2	 fa-angle-double-down [#xf103;]	
 fa-angle-double-left [#xf100;]		 fa-angle-double-right [#xf101;]	
 fa-angle-double-up [#xf102;]		 fa-angle-down [#xf107;]	
 fa-angle-left [#xf104;]		 fa-angle-right [#xf105;]	
 fa-angle-up [#xf106;]		 fa-apple [#xf179;]	
 fa-archive [#xf187;]		 fa-area-chart [#xf1fe;]	4.2
 fa-arrow-circle-down [#xf0ab;]		 fa-arrow-circle-left [#xf0a8;]	
 fa-arrow-circle-down [#xf01a;]		 fa-arrow-circle-left [#xf190;]	4.0
 fa-arrow-circle-right [#xf01b;]		 fa-arrow-circle-o-up [#xf01b;]	
 fa-arrow-circle-right [#xf0a9;]	4.0	 fa-arrow-circle-up [#xf0aa;]	
 fa-arrow-down [#xf063;]		 fa-arrow-left [#xf060;]	
 fa-arrow-right [#xf061;]		 fa-arrow-up [#xf062;]	
 fa-arrows [#xf047;]		 fa-arrows-alt [#xf0b2;]	
 fa-arrows-h [#xf07e;]		 fa-arrows-v [#xf07d;]	
 fa-asl-interpreting (alias) [#xf2a3;]	4.6	 fa-assistive-listening-systems [#xf2a2;]	4.6
 fa-asterisk [#xf069;]		 fa-at [#xf1fa;]	4.2
 fa-audio-description (alias) [#xf29e;]	4.6	 fa-automobile (alias) [#xf1b9;]	4.1
 fa-backward [#xf04a;]		 fa-balance-scale [#xf24e;]	4.4
 fa-ban [#xf05e;]		 fa-bandcamp [#xf2d5;]	4.7
 fa-bank (alias) [#xf19c;]	4.1	 fa-bar-chart [#xf080;]	
 fa-bar-chart-o (alias) [#xf080;]		 fa-barcode [#xf02a;]	
 fa-bars [#xf0c9;]		 fa-bath [#xf2cd;]	4.7
 fa-bathub (alias) [#xf2cd;]	4.7	 fa-battery (alias) [#xf240;]	4.4
 fa-battery-full (alias) [#xf240;]	4.4	 fa-battery-half (alias) [#xf240;]	4.4

HTML Markup

 fa-address-card-o [[#xf2bc;](#)]

```
<i class="fa fa-address-card-o"></i>
```

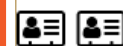
```
<span class="fa fa-address-card-o"></span>
```

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Sizes

```
<i class="fa fa-address-card-o "></i>  
<i class="fa fa-address-card-o fa-lg"></i>  
<i class="fa fa-address-card-o fa-2x"></i>  
<i class="fa fa-address-card-o fa-3x"></i>  
<i class="fa fa-address-card-o fa-4x"></i>  
<i class="fa fa-address-card-o fa-5x"></i>
```

```
i.fa {  
  font-size: 3rem;  
  color: red;  
}
```

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Please download the latest version of font awesome

Open a clean copy of the start file and drag the minified css and fonts folder to the start folder.

Next open Brackets and make sure you have your CSS Preprocessor running.

Lets add a link to the minified CSS in the head of our index page right below the link to our style sheet.

Then from the snippets file in this unit copy and paste the unordered list in the header above the h1.

Now all we need is to choose some icons

If we search the cheat sheet, we can see several version of facebook, twitter, youtube and google plus. To make them consistent, I am going to use the dash square version of each.

Now lets enter a class of "fa" for each icon followed by "fa-facebook-square" and so on.

When we pull up the page, we can see blue icons with dots next to each one.

Lets now work on the CSS.



First we will float the entire group of icons to the right side of the header.
Then we will turn off the dots for each list item and float each icon to the left so they line up horizontally.
Then we will tell all the anchors to increase the font size to 1.8rem,
put some space between each icon of $\frac{1}{2}$ rem and then
Change the color to white.

Finally we change the hover color to the gold which is the variable secondary color
When we look at it now, it looks great.

The only change we will make in the medium css is to increase the font size to 2.5 rem.



Social Icons Completed



Start Here



Delete Me Later



Clipping Paths



clip-path()

circle(50% at 50% 50%)



ellipse(50% 30% at 50% 50%)



clip-path()

```
clip-path: polygon(50% 0%, 90% 20%, 100%  
60%, 75% 100%, 25% 100%, 0% 60%,  
10% 20%);
```



```
clip-path: inset(10% 20% 10% 30%);
```



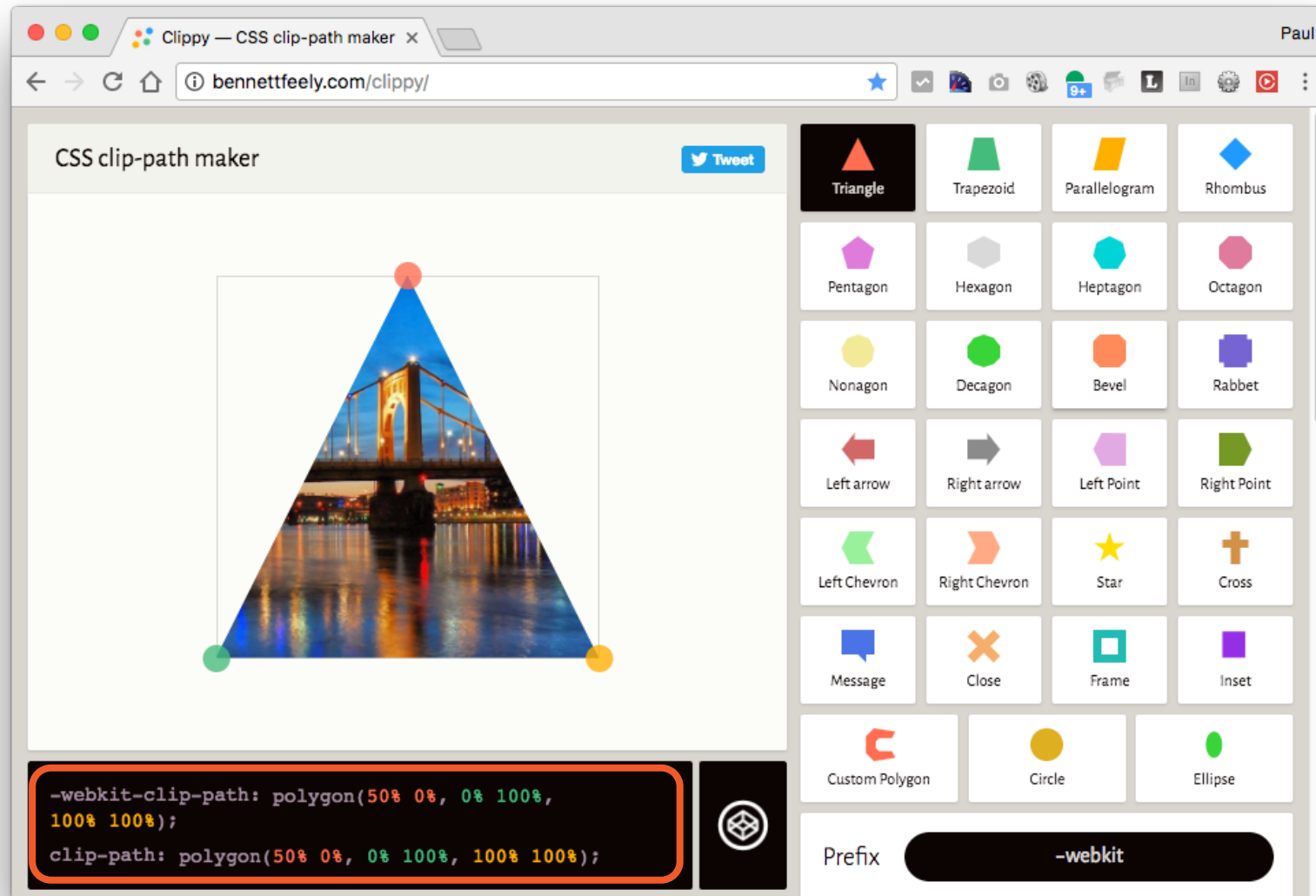
Vendor Prefixes

```
clip-path: circle(50% at 50% 50%);
```

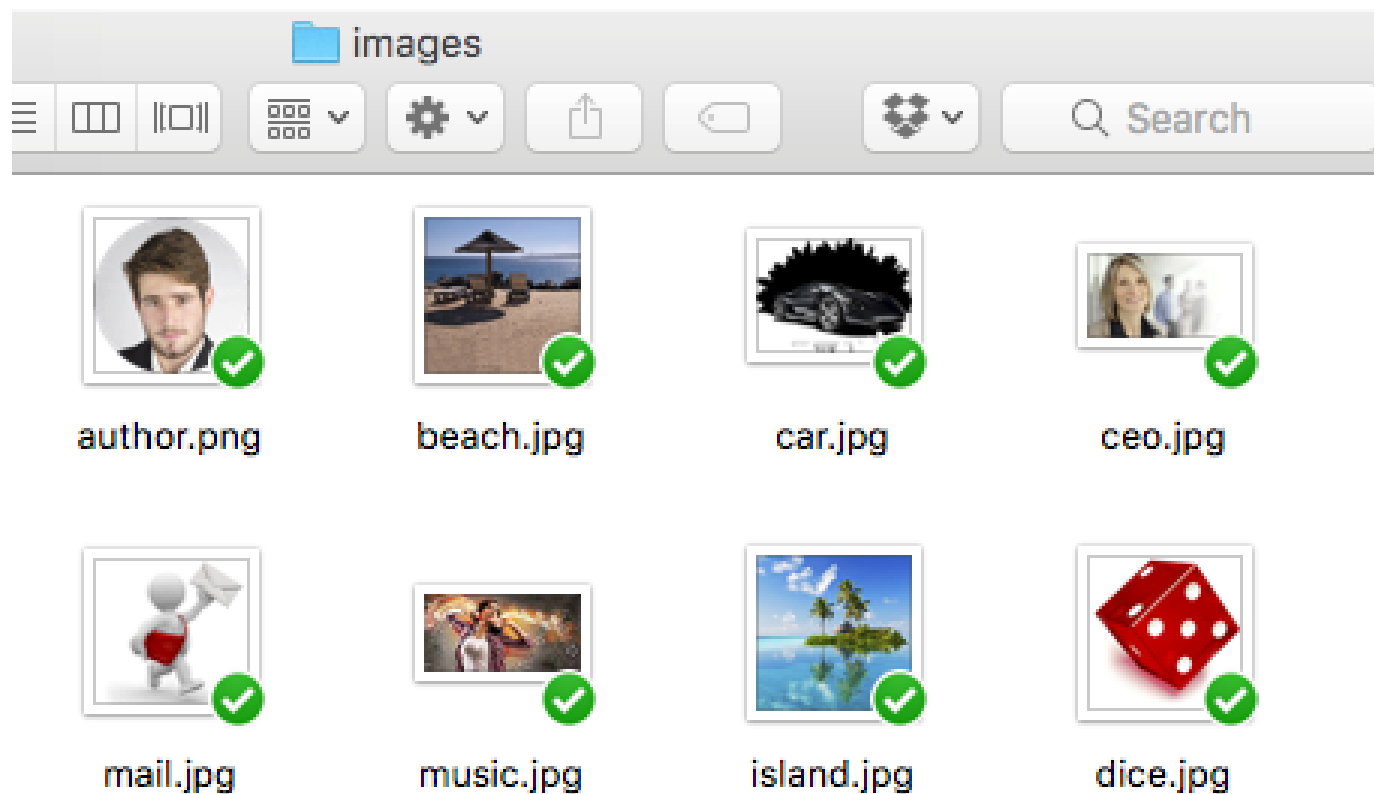
```
clip-path: circle(50% at 50% 50%);  
-webkit-clip-path: circle(50% at 50% 50%);
```



Website for Complex Images



Demos



Coordinates

0 0

400px 0
100% 0



0 200px
0 100%

400px 200px
100% 100%



Examples

HTML

```
<p class="ex1">
  Integer urna vut, duis tortor mauris quis a
  porta arcu, nisi? Cursus! Pid tincidunt rho
  pid, vut in augue non elementum urna cras e
  facilisis sit, eros? Amet diam parturient.
  montes mid, elementum a mid quis urna sagit
  amet. Elementum habitasse sagittis, ac vel
  platea! Arcu, turpis adipiscing, in lorem,
</p>

<div class="ex2"></div>

<figure class="ex3">
  
</figure>
```

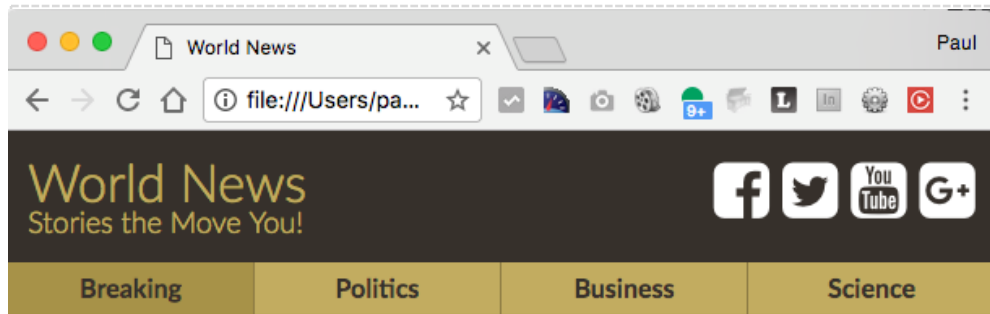
CSS

```
p.ex1 {
  clip-path: circle(50px at 75px 50px);
}

div.ex2 {
  width: 300px;
  height: 150px;
  background-color: orange;
  clip-path: circle(50px at 75px 50px);
}

figure.ex3 img {
  clip-path: circle(50px at 75px 50px);
}
```



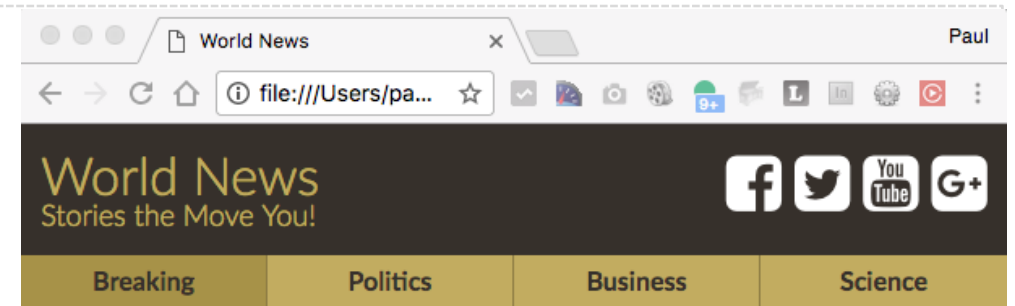


Breaking News

urna vul.
, nisi? Cursus.
ue non elemer
s? Amet diam p
entum a mid
sse sagitt



```
figure.ex3 img {  
  clip-path: circle(50px at 160px 55px);  
}
```



Breaking News

urna vul.
, nisi? Cursus.
ue non elemer
s? Amet diam p
entum a mid
sse sagitt



DEMO



Responsive

HTML

```
<figure class="ex1">  
    
</figure>  
  
<figure class="ex2">  
    
</figure>  
  
<figure class="ex3">  
    
</figure>
```

CSS

```
figure {width: 50%;}  
figure img {width: 100%;}
```

DEMO



CSS

```
figure {width: 50%;}  
figure img {width: 100%;}  
  
figure.ex1 img {  
  clip-path: circle(50% at 50% 50%),  
}  
  
figure.ex2 img {  
  clip-path: circle(100% at 0 0),  
}  
  
figure.ex3 img {  
  clip-path: circle(50% at 50% 0),  
}
```

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DEMO



```
<figure class="ex1">
  
</figure>

<figure class="ex2">
  
</figure>

<figure class="ex3">
  
</figure>

<figure class="ex4">
  
</figure>

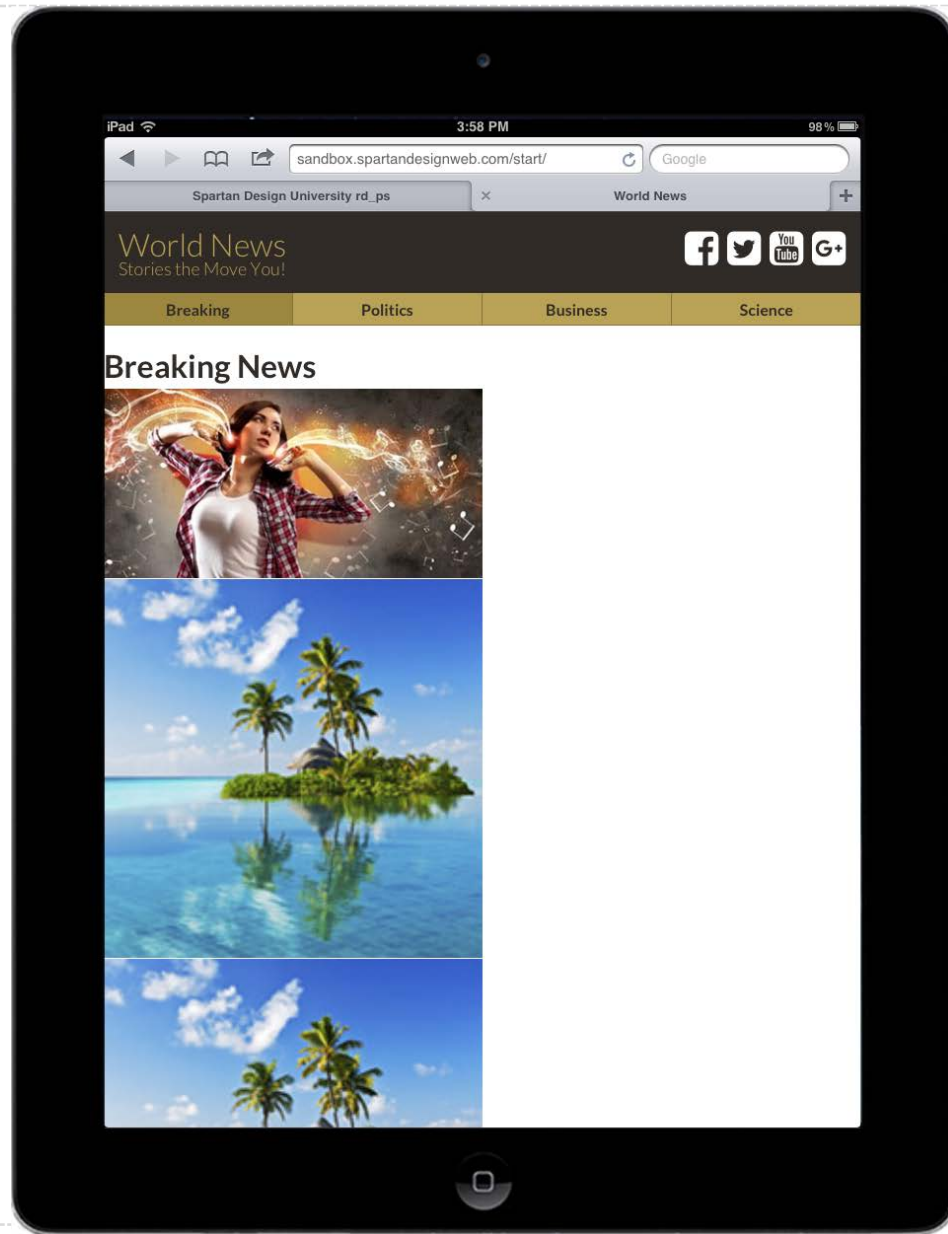
<figure class="ex5">
  
</figure>

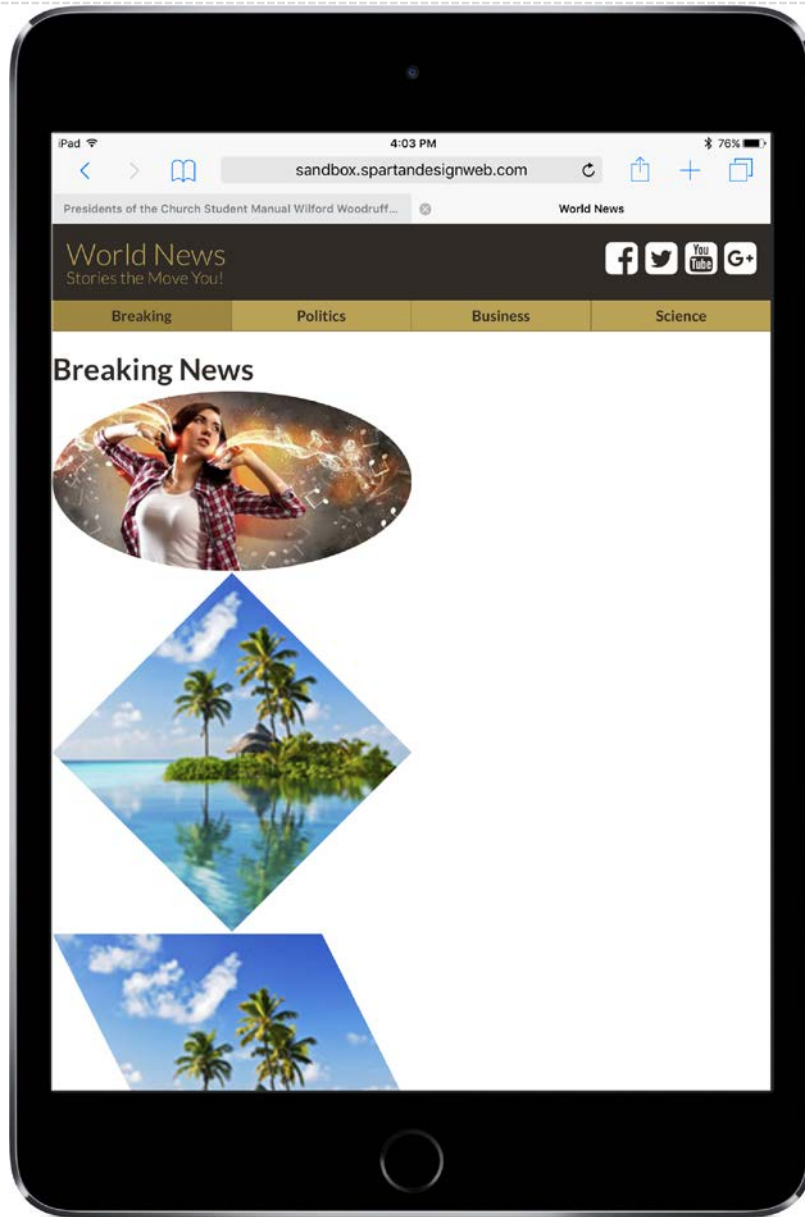
<figure>
  
</figure>
```



DEMO







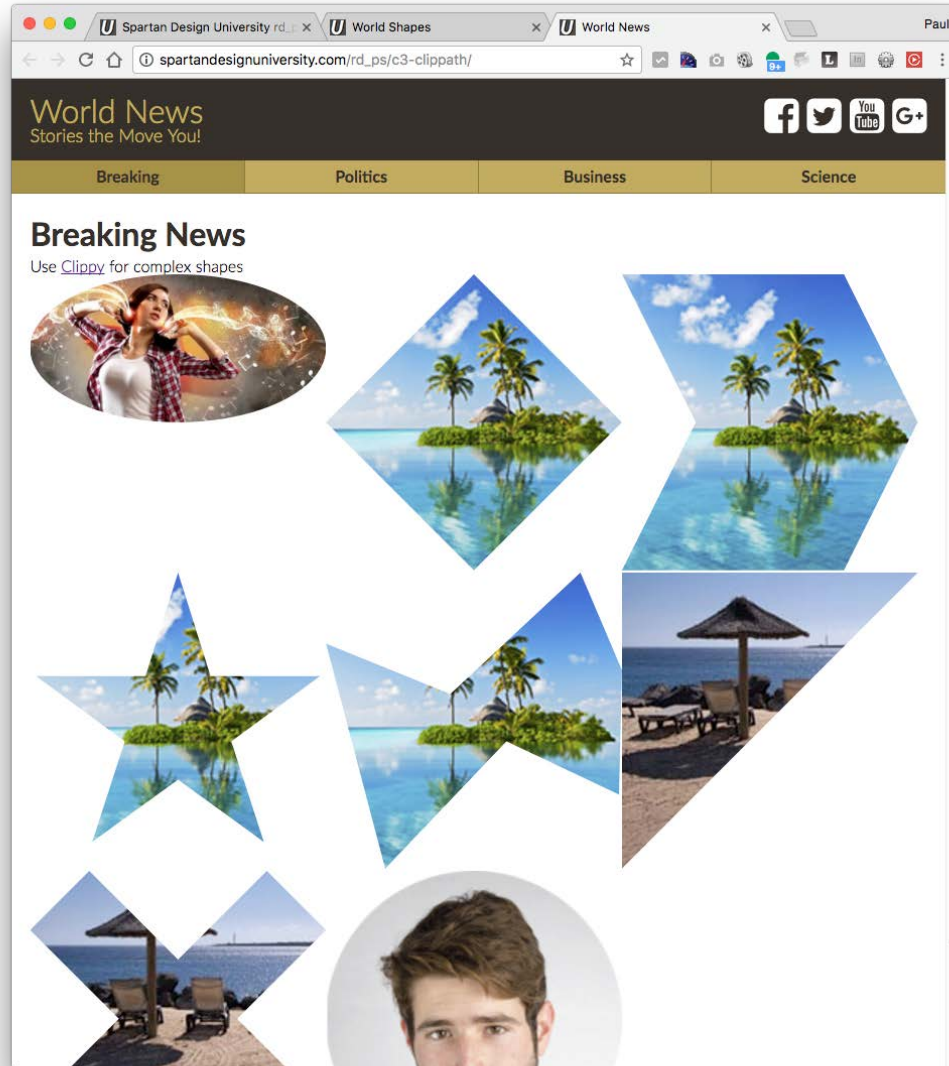
Start Here



Delete Me Later



Clipping Paths



DEMO

Were going to create several examples.

Each example will be wrapped in an article tag

Each example will have an h2 header

Each example will have an image inside a figure tag followed by a paragraph of filler text.

We will style the header 2, the article and float the figure in the small-default scss

This is what they will look like before we do our magic.



DEMO

Lets assign this first image a class of example1

Then we can return to the SCSS and add a clip-path to make it round. `clip-path: circle(50% at 50% 50%);`

Don't forget the hack for Safari -webkit-

Lets check to see what we have so far.

Now here is the really cool part, it's called "shape-outside" and it will take the same parameters as clip path!

Lets check it again and we can see a beautiful text wrapping.

There is something here that should really bother your sense of design. Yes, its touching so we need to add margin to push the text away.

Lets add a 1/2 rem of margin and look at the results.

Now that's pretty cool. Let see how it responds in other browsers

Here is Safari and it works out of the box.

Here is Firefox and the text wrap fails

Here is Opera and it works great.

Lets modify example 1 by changing the radius to 100% and the location to 0 and 0

We will past this two more times and look at the result. See how easy that was.



DEMO

Now lets try a polygon

We will duplicate our article change the image to island and change the class to example 2

Now lets create a clipped corner using pollygon

I am going to copy and paste example 1 and modify it as example 2

we will start it at 0 0 and move right to 100% and 0

Then down to 0 and 100% and were done. Copy and paste this for webkit and shape outside and were ready to test.



DEMO

Now lets try a custom path using a graphic as our guide in the clippy website.
First we will duplicate the article and change the class to example3
We wil aslo change the graphic to this letter carrier. Here is what we have so far
Then we duplicate the css and also change it to example 3

Now we have to make sure our letter carrier image is uploaded to the web and I have it on my sandbox test site.

Then we open the clippy website and load our graphic in as the background.

Now we choose this tool and click dots around his arms and legs

Then we copy the code back to our text editor.

Now we copy the polygon to shape outside

We really don't need the clip-path because our image is white on white so I can remove it.

This is the end result.



Now we will do the same thing but this time as text overlay.

Start by duplicating the html and changing to example 4 and the image to ceo.jpg

Also duplicate the css and change the class

We will load the ceo as the background image in clippy notice that it does not fit properly.

Lets go back and get the dimensions of the ceo graphic and then load them in here

This time we will make it easier on ourselves by turning on the show outside clippath

Now use the custom polygon tool to create a mask

Copy just the polygon numbers this time

Paste them in the scss and view the final result.

Notice that the work we did in Photoshop to lighten the right side made a nice blend with the text.

Now that we have a few examples put together, lets upload it and look at the result on several devices and other browsers.




Explorer 11 and Edge

http://sandbox.spartandes... Waiting for sandbox.sparta...

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Breaking News


Ocean Breeze



Turpis ac turpis pid hac porttitor, risus tincidunt cras eros ultricies velit? Porta facilisis urna enim est sagittis. Magna sit, sagittis, vel adipiscing. Pulvinar tristique in eros ridiculus mattis tempor aliquet augue, ut turpis ac natoque nisi cursus pellentesque ridiculus? Augue quis mauris? Magna, tortor. Scelerisque, pid? Sed, dapibus dolor ac, amet dapibus vel, habitasse cursus! Placerat tincidunt cursus et et rhoncus ut nunc ac porttitor. Ac platea sed penatibus, tristique natoque nec nunc nec lundium rhoncus ut etiam tempor? Aenean mattis in mauris! Augue et magna dapibus, egestas adipiscing egestas nisi in? Vel. Enim integer. Nisi ac, elementum est. Etiam turpis? Pulvinar platea in aliquam sagittis mid, adipiscing penatibus mid, pulvinar! Mauris ac odio integer ut dictumst elit a. Sed augue in phasellus ridiculus vut enim et pulvinar

loreem vel, rhoncus elementum augue urna ut adipiscing, pellentesque sagittis et, pid turpis porttitor ac aenean ultricies urna augue turpis, lacus pulvinar, odio, nunc augue ut ac diam dapibus enim, natoque ultrices, tincidunt nec? Auctor diam porta rhoncus, penatibus, in. Sagittis sit facilisis scelerisque augue purus dignissim mus placerat porttitor diam phasellus cras scelerisque tincidunt phasellus risus nascetur ac tincidunt? Porttitor in! Ac placerat vut. Auctor integer adipiscing, odio augue! Dapibus. Dapibus dictumst cras, ut turpis eros elementum eu et. Sociis ultrices, et enim lorem hac magna ut purus turpis massa pulvinar? Mattis, tincidunt elementum etiam, scelerisque odio sagittis augue nec, augue. Nunc urna? Nec porttitor, ridiculus et, mauris diam.

Ocean Breeze




World News

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Turpis ac turpis pid hac porttitor, risus tincidunt cras eros ultricies velit? Porta facilisis urna enim est sagittis. Magna sit, sagittis, vel adipiscing. Pulvinar tristique in eros ridiculus mattis tempor aliquet augue, ut turpis ac natoque nisi cursus pellentesque ridiculus? Augue quis mauris? Magna, tortor. Scelerisque, pid? Sed, dapibus dolor ac, amet dapibus vel, habitasse cursus! Placerat tincidunt cursus et et rhoncus ut nunc ac porttitor. Ac platea sed penatibus, tristique natoque nec nunc nec lundium rhoncus ut etiam tempor? Aenean mattis in mauris! Augue et magna dapibus, egestas adipiscing egestas nisi in? Vel. Enim integer. Nisi ac, elementum est. Etiam turpis? Pulvinar platea in aliquam sagittis mid, adipiscing penatibus mid, pulvinar! Mauris ac odio integer ut dictumst elit a. Sed augue in phasellus ridiculus vut enim et pulvinar lorem vel, rhoncus elementum augue urna ut adipiscing, pellentesque sagittis et, pid turpis porttitor ac aenean ultricies urna augue turpis, lacus pulvinar, odio, nunc augue ut ac diam dapibus enim, natoque ultrices, tincidunt nec? Auctor diam porta rhoncus, penatibus, in. Sagittis sit

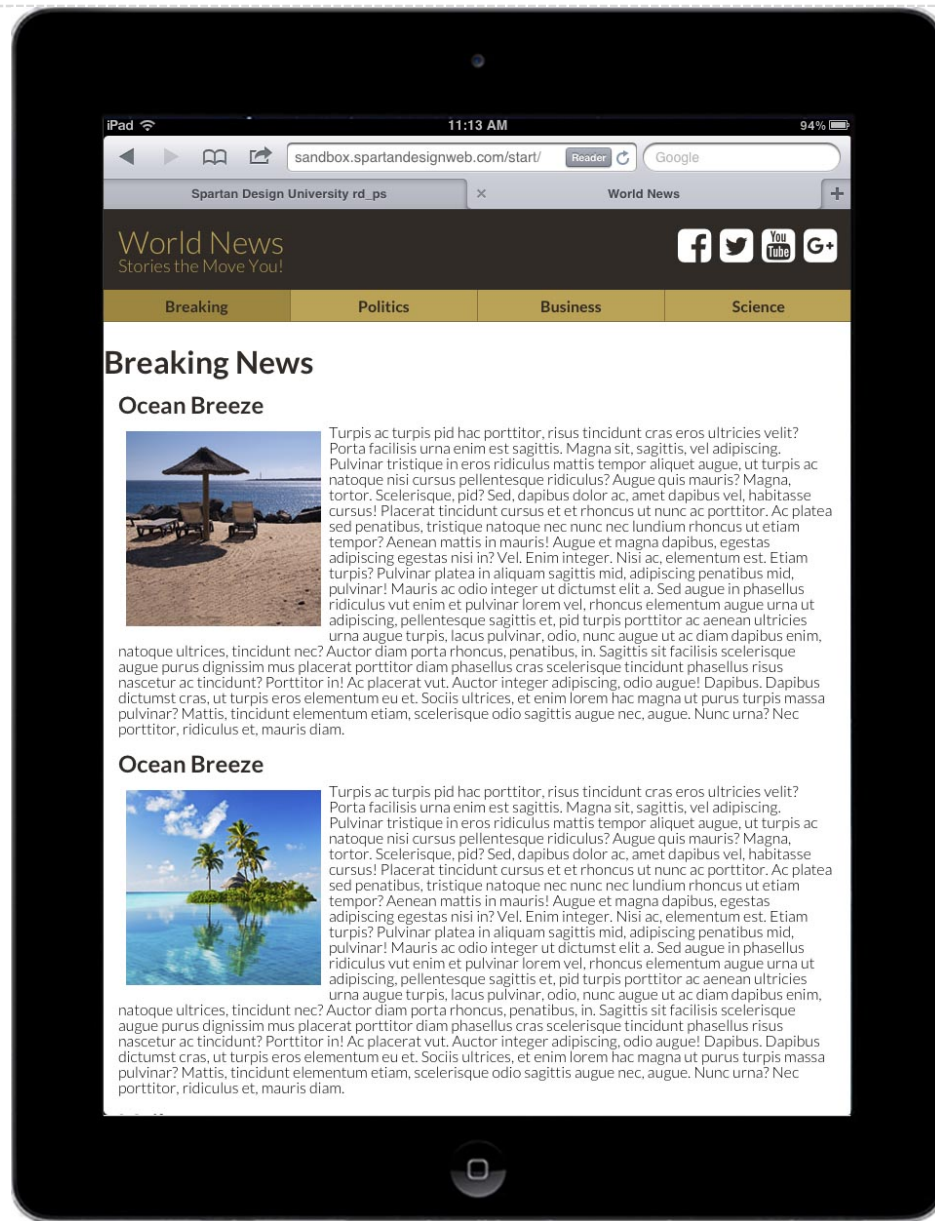
facilisis scelerisque augue purus dignissim mus placerat porttitor diam phasellus cras scelerisque tincidunt phasellus risus nascetur ac tincidunt? Porttitor in! Ac placerat vut. Auctor integer adipiscing, odio augue! Dapibus. Dapibus dictumst cras, ut turpis eros elementum eu et. Sociis ultrices, et enim lorem hac magna ut purus turpis massa pulvinar? Mattis, tincidunt elementum etiam, scelerisque odio sagittis augue nec, augue. Nunc urna? Nec porttitor, ridiculus et, mauris diam.

Ocean Breeze



Turpis ac turpis pid hac porttitor, risus tincidunt cras eros ultricies velit? Porta facilisis urna enim est sagittis. Magna sit, sagittis, vel adipiscing. Pulvinar tristique in eros ridiculus mattis tempor aliquet augue, ut turpis ac natoque nisi cursus pellentesque ridiculus? Augue quis mauris? Magna, tortor. Scelerisque, pid? Sed, dapibus dolor ac, amet dapibus vel, habitasse cursus! Placerat tincidunt cursus et et rhoncus ut nunc ac porttitor. Ac platea sed penatibus, tristique natoque nec nunc nec lundium rhoncus ut etiam tempor? Aenean mattis in mauris! Augue et magna dapibus, egestas adipiscing egestas nisi in? Vel. Enim integer. Nisi ac, elementum est. Etiam turpis? Pulvinar platea in aliquam sagittis mid, adipiscing penatibus mid, pulvinar! Mauris ac odio integer ut dictumst elit a. Sed augue in phasellus ridiculus vut enim et pulvinar lorem vel, rhoncus elementum augue urna ut adipiscing, pellentesque sagittis et, pid turpis porttitor ac aenean ultricies urna







Summary



Social Icons

CSS Shapes

Clipping Paths





Introduction

Twelve Column Grid

CSS Shapes

Flexbox

CSS Grids

Music Player

