

CSS

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BACKGROUND IMAGES



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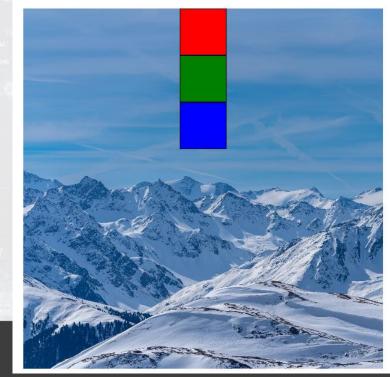
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BACKGROUND IMAGES

 Background Images are an amazing tool. We can use Background-images to add images to our pages and then put other elements on top.





- background-image: url(")
- background-size: ;
- background-repeat: no-repeat;
 - Repeat x puts it along the x axis and y puts it on the y axis
- background-origin: content-box;
- background-position: ;
- background-attachment: fixed;

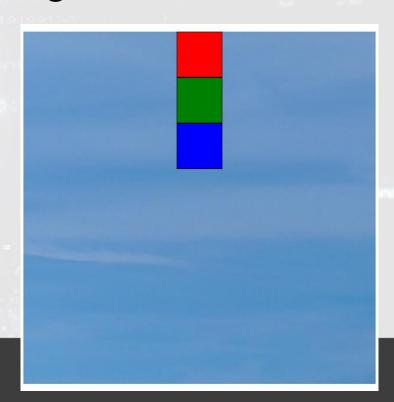
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- background-image: url(")
- This allows you to add images as backgrounds.

```
.background-img {
  background-image: url("../mountain-ga89a104f4_1920.jpg");
  width: 400px;
  height: 400px;
}
```

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- background-size: ;
- Changes the background size.
- You can use cover, contain or an actual size.
 - Cover will make your image fit to the box, but my crop it.
 - Contain will make sure it isn't cropped, but it may not fit in the box

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Cover

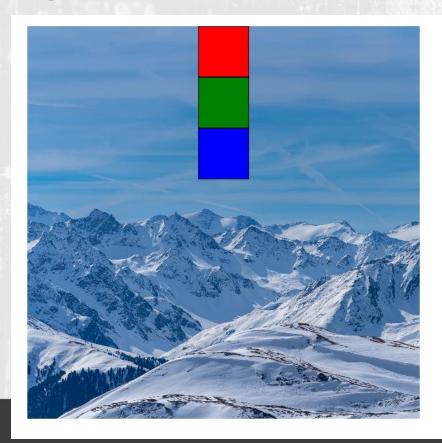
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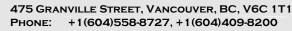
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```
.background-img {
  width: 400px;
  height: 400px;
  background-image: url("../mountain-ga89a104f4_1920.jpg");
  background-size: cover;
}
```



Contain:

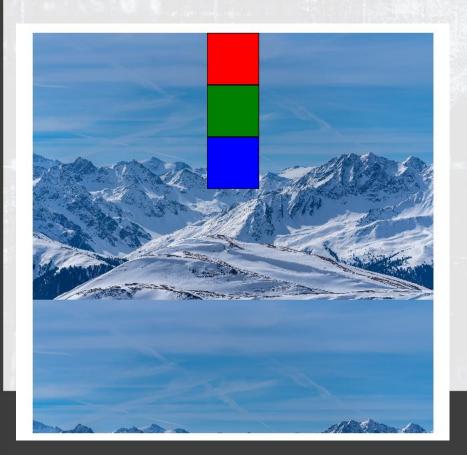


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```
.background-img {
  width: 400px;
  height: 400px;
  background-image: url("../mountain-ga89a104f4_1920.jpg");
  background-size: contain;
}
```

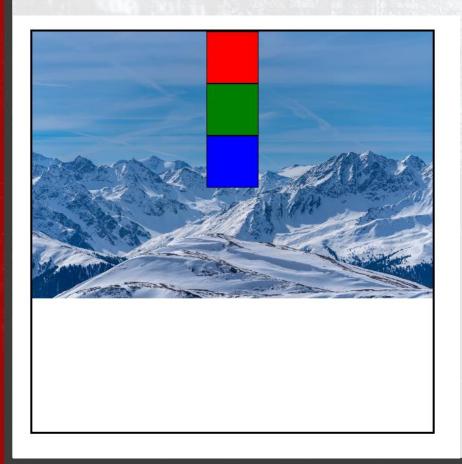


- background-repeat: no-repeat;
- Repeat is set by default.
- Repeat x puts it along the x axis and y puts it on the y axis

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```
.background-img {
  border: 2px solid □black;
  width: 400px;
  height: 400px;
  background-image: url("../mountain-ga89a104f4_1920.jpg");
  background-size: contain;
  background-repeat: no-repeat;
}
```



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BACKGROUND IMAGES

- background-origin: content-box;
- Allows you to put the background where you would like in the box model.
 - content-box
 - padding-box
 - border-box



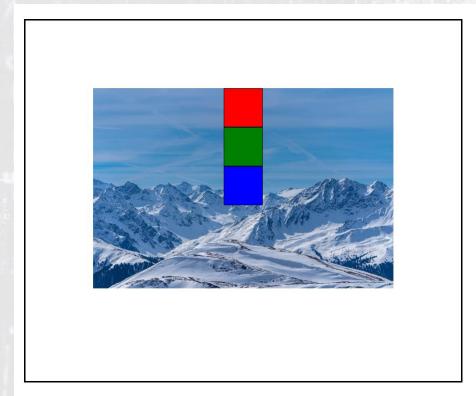
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```
.background-img {
   border: 2px solid □black;
   padding: 90px;
   width: 400px;
   height: 300px;
   background-image: url("../mountain-ga89a104f4_1920.jpg");
   background-size: contain;
   background-repeat: no-repeat;
   background-origin: content-box;
}
```



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BACKGROUND IMAGES

- background-position: ;
- left top, left center, left bottom, center top, center center, center bottom, right top, right center, right bottom



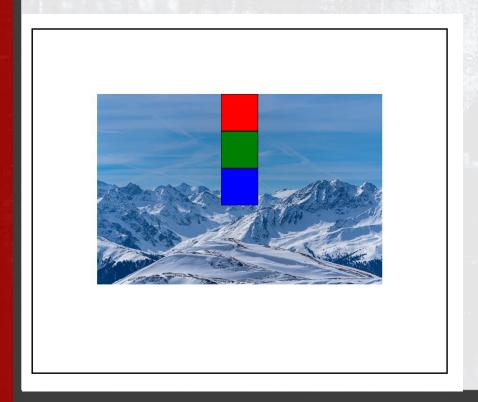
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```
.background-img {
  border: 2px solid □black;
  padding: 90px;
  width: 400px;
  height: 300px;
  background-image: url("../mountain-ga89a104f4_1920.jpg");
  background-size: contain;
  background-repeat: no-repeat;
  background-origin: content-box;
}
```



background-attachment: fixed;

 Allows you to change how the background responds to scrolling

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OVERLAY



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OVERLAY

- Overlayed elements are elements we design to dim or brighten a background
- It's like a translucent cover over the image



OVERLAY





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```
<div class="background-img">
     <div class="overlay"></div>
</div>
```

```
.background-img {
  background-image: url("../mountain-ga89a104f4_1920)
  background-size: cover;
  margin: 50px;
  width: 400px;
  height: 400px;
}
.overlay {
  background-color: □rgb(0, 0, 0, 0.5);
  width: 100%;
  height: 100%;
}
```



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BOX SHADOWS



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Box-Shadow

Box shadows add depths to our web page.

• It makes the element look like it is hovering or

slightly protruding from the page.





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Box-Shadow

```
x axis | y axis |
                             color
box-shadow: 10px | 10px
                          grey;
                            blur-radius | color
box-shadow: 10px |
                               5рх
                    10px
                                        | grey;
                                  | spread-radius | color
                            blur
box-shadow: 10px | 10px |
                             5px
                                        6px
    shadow type | x
                                  blur | spread
                           Y
box-shadow: inset | 0px |
                           0px |
                                   5px | 6px
```



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Box-Shadow - X, Y, Color

```
.background-img {
  background-image: url("../mountain-ga89a104f4_192
  background-size: cover;
  margin: 50px;
  width: 400px;
  height: 400px;
  box-shadow: 4px 4px □ black;
}
```





Box-Shadow - Blur

```
.background-img {
  background-image: url("../mountain-ga89a104f4_192
  background-size: cover;
  margin: 50px;
  width: 400px;
  height: 400px;
  box-shadow: 4px 4px □ black;
}
```

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Box-Shadow - Spread Radius

```
.background-img {
  background-image: url("../mountain-ga89a104f4_1920
  background-size: cover;
  margin: 50px;
  width: 400px;
  height: 400px;
  box-shadow: 0px 0px 0px 8px □ black;
}
```





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Box-Shadow

Box shadows can have negative numbers

```
.background-img {
  background-image: url("../mountain-ga89a104f4_192
  background-size: cover;
  margin: 50px;
  width: 400px;
  height: 400px;
  box-shadow: -4px -4px 4px □ black;
}
```





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LINK BUTTONS



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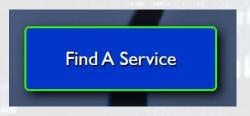
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LINK BUTTONS

- There are two types of buttons in CSS
 - 1. Links
 - 2. Forms
- Forms are <button> tag buttons
- Link buttons are <a> tags made into buttons





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LINK BUTTONS

 To style a button we can make a button class in an <a> tag

```
<a href="#" class="button">Google</a>
```

```
.button{
}
```



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LINK BUTTONS

 Now make the button display flex with a width of 150px and height of 50px

```
<a href="#" class="button">Google</a>
```

Google

```
.button {
  display: flex;
  justify-content: center;
  align-items: center;
  width: 150px;
  height: 50px;
  border: 2px solid □ black;
}
```



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LINK BUTTONS

- Now remove the text decoration from the text
- Change the text color, font size and background color

```
.button {
    display: flex;
    justify-content: center;
    align-items: center;
    width: 150px;
    height: 50px;
    border: 2px solid □ black;
    text-decoration: none;
    color: □rgb(255, 0, 153);
    background-color: □rgb(0, 34, 255);
    font-size: 22px;
}
```

```
<a href="#" class="button">Google</a>
Google
```



LINK BUTTONS

Style as you would like

```
.button {
 display: flex;
 justify-content: center;
 align-items: center;
 width: 150px;
 height: 50px;
  border: 2px solid □black;
 text-decoration: none;
  color: \squarergb(255, 0, 234);
 background-color: ☐rgb(0, 34, 255);
 font-size: 22px;
 border-radius: 10px;
 outline: 2px \text{ solid } \square rgb(0, 0, 0);
 outline-offset: 2px;
```

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Google

Google



LINK BUTTONS

 You can also make a generic button

Google

```
.button {
 display: flex;
 justify-content: center;
 align-items: center;
 width: 150px;
 height: 50px;
 font-size: 22px;
 text-decoration: none;
 border: 2px solid □black;
.bg-blue {
 background-color: \squarergb(0, 34, 255);
.border-radius{
 border-radius: 10px;
.txt-pink{
 color: □rgb(255, 0, 234);
.outline{
 outline: 2px solid □black;
 outline-offset: 2px;
```



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PSEUDO-CLASSES



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PSEUDO CLASSES

- Pseudo Classes are simple ways to add interactivity to our website
- Pseudo classes are keywords that we add to classes like, hover, active, etc....
- The two categories for pseudo classes we will be talking about are:
 - Links
 - Forms



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PSEUDO-CLASSES LINKS



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PSEUDO CLASSES - LINKS <A>

- When you click on a link button you may want to have the button interact with the user.
- We can use Pseudo Classes for this interaction with:



- Hover
- Visited
- Active
- Link



Google



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PSEUDO CLASSES - LINKS <A>

- :link
 - Link changes the style of unvisited links
- :visited
 - Visited changes the style of visited links
- :active
 - Active changes the style of a link while active links
- :hover
 - Hover changes the style when you hover over elements



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