

Converting Colors

RGB(59, 213, 154)

Have a look what the booklet for
RGB(59, 213, 154) contains.

RGB(59, 213, 154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(59, 213, 154)

Conversions

Conversions Part 1

Format	Color
Hex	3BD59A
RGB	59, 213, 154
RGB Percent	23%, 84%, 60%
CMY	0.7686, 0.1647, 0.3961
CMYK	0.72, 0.00, 0.28, 0.16
HSL	157°, 65%, 53%
HSV	157°, 72%, 84%
XYZ	31.4306, 50.8514, 38.7306
YIQ	160.2280, -72.8450, -50.9970

Conversions

Conversions Part 2

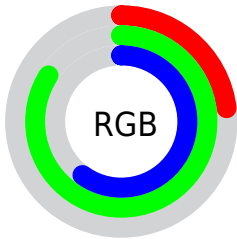
Format	Color
RYB	59, 154, 213
Decimal	3921306
CIELab	76.59, -53.33, 17.93
CIELCh	77, 56.263, 161.419
Yxy	50.8514, 0.2597, 0.4202
Android (android.graphics.Color)	4282111386 (0xFF3BD59A)
YUV	160.2280, -3.0704, -88.7770
Hunter-Lab	71.3102, -46.1173, 17.7150

Details

The RGB color **59, 213, 154** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **213, 59, 118**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **126, 255, 209**, and **0, 157, 103** is the 20% darker color. If you saturate the color by 10%, you get **38, 213, 146**, and if you desaturate by 10%, it is **80, 213, 162**.

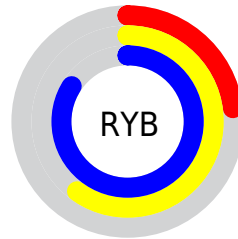
Distribution



Red (23%)

Green (84%)

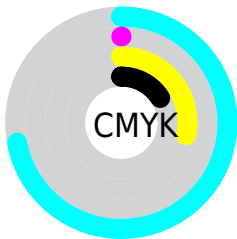
Blue (60%)



Red (23%)

Yellow (60%)

Blue (84%)

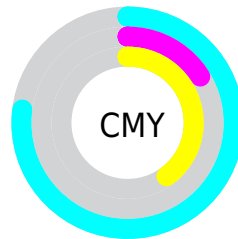


Cyan (72%)

Magenta (0%)

Yellow (28%)

Black (16%)



Cyan (77%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RGB color 59, 213, 154 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 59, 213, 154 by changing the saturation by 10% instead.

 59, 213, 154

 59, 213, 154


255, 255, 255

 0, 185, 128


 126, 255, 209

 0, 157, 103

 157, 255, 237

 0, 130, 78

 187, 255, 255

 0, 104, 55

 218, 255, 255


 0, 79, 33

 248, 255, 255

 0, 55, 12

 0, 31, 0

 0, 0, 0

 59, 213, 154

 59, 213, 154

■ 38, 213, 146

■ 80, 213, 162

■ 16, 213, 138

■ 102, 213, 170

■ 0, 213, 131

■ 123, 213, 178

■ 144, 213, 187

■ 166, 213, 195

■ 187, 213, 203

■ 208, 213, 211

■ 229, 213, 219

■ 251, 213, 227

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



143, 206, 108



59, 213, 154



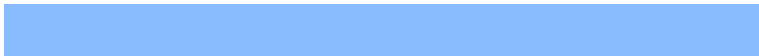
0, 215, 208

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59, 213, 154



136, 188, 255



255, 156, 123

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59, 213, 154



213, 59, 118

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 145, 171



59, 213, 154



219, 167, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59, 213, 154



0, 203, 255



255, 150, 223



246, 175, 89

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 213, 154



0, 214, 242



255, 150, 223



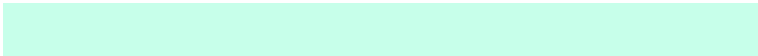
255, 151, 138

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59, 213, 154



199, 255, 234



118, 213, 59



94, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 213, 154



33, 255, 170



59, 195, 213



96, 107, 103



0, 171, 105



0, 43, 27

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



213, 59, 118



255, 33, 118



213, 77, 59



107, 96, 100



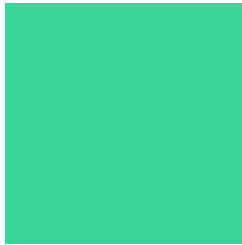
171, 0, 65



43, 0, 17

Previews

White Background



This preview shows how the RGB color 59, 213, 154 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 59, 213, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

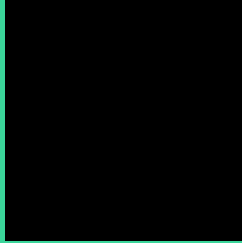
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 59, 213, 154 Background



This preview shows how black text looks on a background with the RGB color 59, 213, 154.

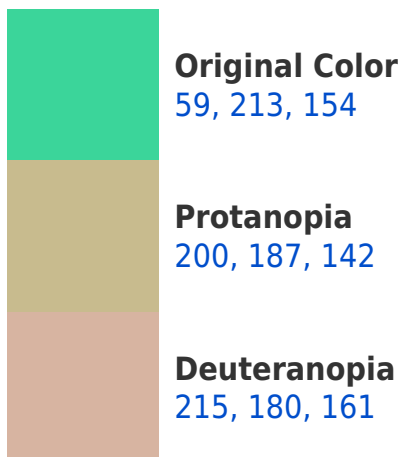


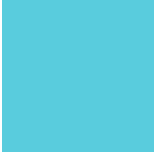
This preview shows how white text looks on a background with the RGB color 59, 213, 154.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

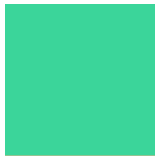
Dichromacy





Tritanopia
89, 204, 221

Trichromacy



Original Color

59, 213, 154



Protanomaly

149, 196, 146



Deuteranomaly

158, 192, 158



Tritanomaly

78, 207, 197

Monochromacy



Original Color

59, 213, 154



Achromatopsia

160, 160, 160



Achromatomaly

123, 179, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 59, 213, 154 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(59, 213, 154)` looks like.

```
.text, #text, p{  
    color:rgb(59, 213, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(59, 213, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 213, 154) }
```

Border

The CSS property to change the border of an element to RGB 59, 213, 154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(59, 213, 154) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(59, 213, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(59, 213, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 213, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 213, 154);  
box-shadow:4px 4px 4px 4px rgb(59, 213,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 59, 213, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 213, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(59, 213,  
154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor