

Converting Colors

RGB(61, 204, 126)

Have a look what the booklet for
RGB(61, 204, 126) contains.

RGB(61, 204, 126)	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(61, 204, 126)

Conversions

Conversions Part 1

Format	Color
Hex	3DCC7E
RGB	61, 204, 126
RGB Percent	24%, 80%, 49%
CMY	0.7608, 0.2000, 0.5059
CMYK	0.70, 0.00, 0.38, 0.20
HSL	147°, 58%, 52%
HSV	147°, 70%, 80%
XYZ	27.2832, 45.6842, 27.1186
YIQ	152.3510, -60.1900, -54.5740

Conversions

Conversions Part 2

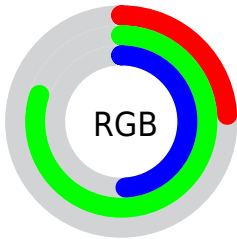
Format	Color
RYB	61, 159, 204
Decimal	4050046
CIELab	73.34, -55.26, 28.20
CIELCh	73, 62.038, 152.963
Yxy	45.6842, 0.2726, 0.4564
Android (android.graphics.Color)	4282240126 (0xFF3DCC7E)
YUV	152.3510, -12.9910, -80.1148
Hunter-Lab	67.5901, -46.2298, 23.5246

Details

The RGB color **61, 204, 126** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **204, 61, 139**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **126, 255, 179**, and **0, 149, 76** is the 20% darker color. If you saturate the color by 10%, you get **41, 204, 115**, and if you desaturate by 10%, it is **81, 204, 137**.

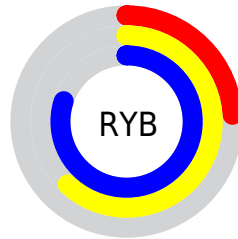
Distribution



Red (24%)

Green (80%)

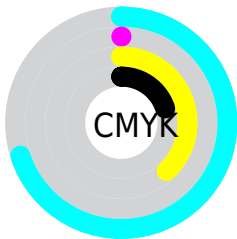
Blue (49%)



Red (24%)

Yellow (62%)

Blue (80%)

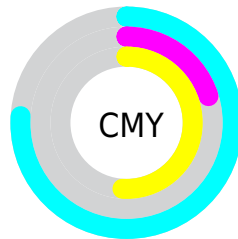


Cyan (70%)

Magenta (0%)

Yellow (38%)

Black (20%)



Cyan (76%)

Magenta (20%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RGB color 61, 204, 126 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 61, 204, 126 by changing the saturation by 10% instead.


 61, 204, 126

 61, 204, 126


255, 255, 255

 7, 176, 101


 126, 255, 179

 0, 149, 76

 156, 255, 207

 0, 122, 52

 186, 255, 235

 0, 96, 29

 216, 255, 255

 0, 71, 5

 246, 255, 255

 0, 48, 0

 0, 20, 0

 0, 0, 0

 61, 204, 126

 61, 204, 126

■ 41, 204, 115

■ 81, 204, 137

■ 20, 204, 104

■ 102, 204, 148

■ 0, 204, 93

■ 122, 204, 159

■ 143, 204, 171

■ 163, 204, 182

■ 183, 204, 193

■ 204, 204, 204

■ 224, 204, 215

■ 245, 204, 226

Harmonies

Analogous

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



148, 195, 79



61, 204, 126



0, 208, 184

Triad

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



61, 204, 126



67, 185, 255



255, 137, 121

Complementary

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



61, 204, 126



204, 61, 139

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, 129, 177



61, 204, 126



190, 163, 255

Square

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



61, 204, 126



0, 199, 255



254, 140, 233



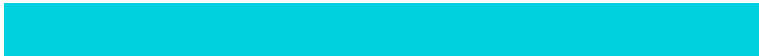
252, 158, 78

Rectangle

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



61, 204, 126



0, 208, 223



254, 140, 233



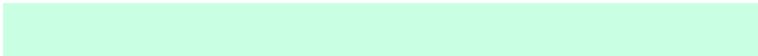
255, 132, 139

Sweetspot

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



61, 204, 126



201, 255, 226



140, 204, 61



96, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



61, 204, 126



41, 255, 138



61, 204, 197



92, 102, 96



0, 166, 75



0, 38, 17

Inverse Universe

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



204, 61, 139



255, 41, 158



204, 61, 68



102, 92, 97



166, 0, 90



38, 0, 21

Previews

White Background



This preview shows how the RGB color 61, 204, 126 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 61, 204, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

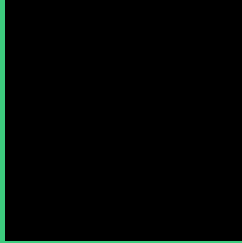
Any Text WCAG AA ✓ Pass

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 61, 204, 126 Background



This preview shows how black text looks on a background with the RGB color 61, 204, 126.

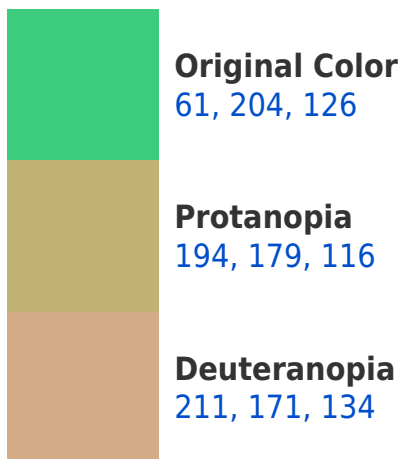


This preview shows how white text looks on a background with the RGB color 61, 204, 126.

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
92, 194, 210

Trichromacy



Original Color

61, 204, 126



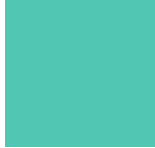
Protanomaly

146, 188, 120



Deuteranomaly

156, 183, 131



Tritanomaly

81, 198, 179

Monochromacy



Original Color

61, 204, 126



Achromatopsia

152, 152, 152



Achromatomaly

119, 171, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 204, 126 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(61, 204, 126)` looks like.

```
.text, #text, p{  
    color:rgb(61, 204, 126)  
}
```

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(61, 204, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 204, 126) }
```

Border

The CSS property to change the border of an element to RGB 61, 204, 126 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(61, 204, 126) }
```

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

```
.border{ border-color:rgb(61, 204, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 204, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 204, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 204, 126);  
box-shadow:4px 4px 4px 4px rgb(61, 204,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 61, 204, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 204, 126) }
```

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

```
.background{ background-color: rgb(61, 204,  
126) }
```

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