

Converting Colors

RGB(60, 165, 98)

Have a look what the booklet for
RGB(60, 165, 98) contains.

RGB(60, 165, 98)	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(60, 165, 98)

Conversions

Conversions Part 1

Format	Color
Hex	3CA562
RGB	60, 165, 98
RGB Percent	24%, 65%, 38%
CMY	0.7647, 0.3529, 0.6157
CMYK	0.64, 0.00, 0.41, 0.35
HSL	142°, 47%, 44%
HSV	142°, 64%, 65%
XYZ	17.5232, 28.7528, 16.1815
YIQ	125.9670, -41.0730, -43.0970

Conversions

Conversions Part 2

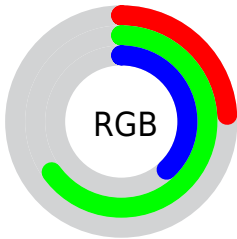
Format	Color
RYB	60, 137, 165
Decimal	3974498
CIELab	60.56, -45.44, 26.07
CIElCh	61, 52.384, 150.158
Yxy	28.7528, 0.2806, 0.4604
Android (android.graphics.Color)	4282164578 (0xFF3CA562)
YUV	125.9670, -13.7877, -57.8531
Hunter-Lab	53.6216, -35.5051, 19.6430




Details

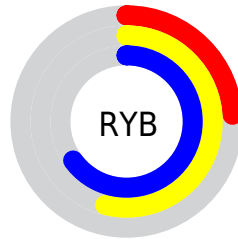
The RGB color **60, 165, 98** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **165, 60, 127**, and the grayscale version is **126, 126, 126**.




A 20% lighter version of the original color is **118, 221, 149**, and **0, 112, 50** is the 20% darker color. If you saturate the color by 10%, you get **44, 165, 87**, and if you desaturate by 10%, it is **76, 165, 109**.

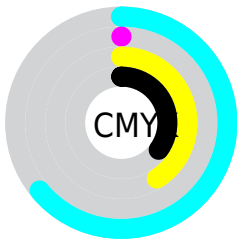
Distribution







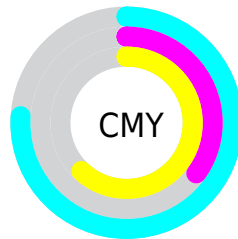
-  Red (24%)
-  Green (65%)
-  Blue (38%)






-  Red (24%)
-  Yellow (54%)
-  Blue (65%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (41%)
-  Black (35%)





-  Cyan (76%)
-  Magenta (35%)
-  Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the RGB color 60, 165, 98 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 60, 165, 98 by changing the saturation by 10% instead.


 60, 165, 98

 60, 165, 98


255, 255, 255

 24, 138, 74

 118, 221, 149

 0, 112, 50

 146, 250, 176

 0, 87, 28


 175, 255, 204

 0, 62, 4

 204, 255, 232


 0, 41, 0

 233, 255, 255

 0, 4, 0

 0, 0, 0

 60, 165, 98

 60, 165, 98

 44, 165, 87

 76, 165, 109

■ 27, 165, 77

■ 93, 165, 119

■ 11, 165, 66

■ 110, 165, 130

■ 0, 165, 60

■ 126, 165, 140

■ 142, 165, 151

■ 159, 165, 161

■ 176, 165, 172

■ 192, 165, 182

■ 208, 165, 193

Harmonies

Analogous

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



125, 157, 61



60, 165, 98



0, 169, 145

Triad

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



60, 165, 98



38, 151, 238



229, 110, 102

Complementary

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



60, 165, 98



165, 60, 127

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.



229, 105, 148



60, 165, 98



148, 134, 226

Square

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



60, 165, 98



0, 163, 226



203, 115, 193



207, 126, 66

Rectangle

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



60, 165, 98



0, 169, 176



203, 115, 193



231, 107, 117

Sweetspot

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



60, 165, 98



174, 214, 188



128, 165, 60



82, 107, 91



235, 235, 235



107, 107, 107

Same Dimension

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



60, 165, 98



51, 214, 110



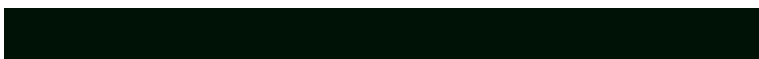
60, 165, 149



73, 82, 76



0, 145, 53



0, 18, 6

Inverse Universe

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



165, 60, 127



214, 51, 155



165, 60, 76



82, 73, 79



145, 0, 93



18, 0, 11

Previews

White Background



This preview shows how the RGB color 60, 165, 98 looks on a white background.

Color Contrast Check

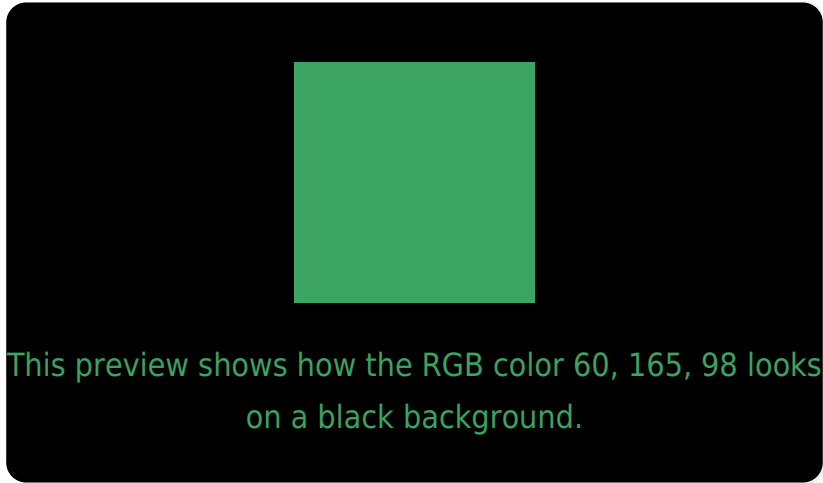
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

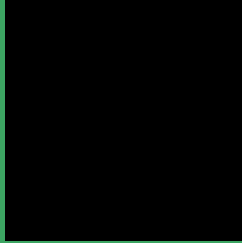
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 60, 165, 98 Background



This preview shows how black text looks on a background with the RGB color 60, 165, 98.

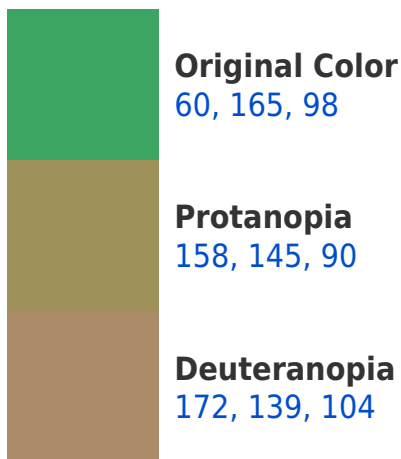


This preview shows how white text looks on a background with the RGB color 60, 165, 98.

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
82, 157, 169

Trichromacy



Original Color

60, 165, 98



Protanomaly

122, 152, 93



Deuteranomaly

131, 148, 102



Tritanomaly

74, 160, 143

Monochromacy



Original Color

60, 165, 98



Achromatopsia

126, 126, 126



Achromatomaly

102, 140, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 60, 165, 98 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(60, 165, 98)` looks like.

```
.text, #text, p{  
    color:rgb(60, 165, 98)  
}
```

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(60, 165, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 165, 98) }
```

Border

The CSS property to change the border of an element to RGB 60, 165, 98 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(60, 165, 98) }
```

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

```
.border{ border-color:rgb(60, 165, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 165, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 165, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 165, 98);  
box-shadow:4px 4px 4px 4px rgb(60, 165,  
98) }
```

Background

The CSS property to change the background color of an element to RGB 60, 165, 98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 165, 98) }
```

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

```
.background{ background-color: rgb(60, 165,  
98) }
```

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