

Converting Colors

RGB(68, 158, 125)

Have a look what the booklet for
RGB(68, 158, 125) contains.

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Color

RGB(68, 158, 125)

Conversions

Conversions Part 1

Format	Color
Hex	449E7D
RGB	68, 158, 125
RGB Percent	27%, 62%, 49%
CMY	0.7333, 0.3804, 0.5098
CMYK	0.57, 0.00, 0.21, 0.38
HSL	158°, 40%, 44%
HSV	158°, 57%, 62%
XYZ	18.3124, 27.1633, 23.6799
YIQ	127.3280, -43.0470, -29.3430

Conversions

Conversions Part 2

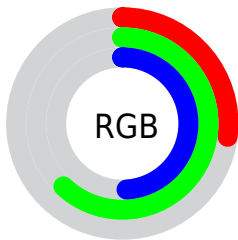
Format	Color
R_{YB}	68, 123, 158
Decimal	4497021
CIE _{Lab}	59.13, -35.03, 9.25
CIE _{LCh}	59, 36.233, 165.205
Yxy	27.1633, 0.2648, 0.3928
Android (android.graphics.Color)	4282687101 (0xFF449E7D)
YUV	127.3280, -1.1477, -52.0307
Hunter-Lab	52.1185, -28.4892, 9.5446

Details

The RGB color **68, 158, 125** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **158, 68, 101**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **124, 213, 178**, and **0, 106, 76** is the 20% darker color. If you saturate the color by 10%, you get **52, 158, 119**, and if you desaturate by 10%, it is **84, 158, 131**.

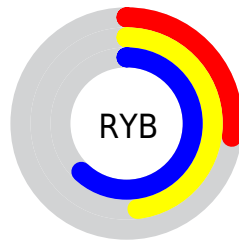
Distribution



Red (27%)

Green (62%)

Blue (49%)



Red (27%)

Yellow (48%)

Blue (62%)

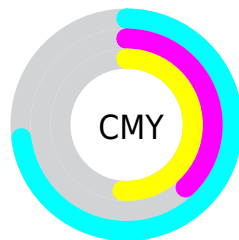


Cyan (57%)

Magenta (0%)

Yellow (21%)

Black (38%)



Cyan (73%)















Magenta (38%)







Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 158, 125 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 68, 158, 125 by changing the saturation by 10% instead.

 68, 158, 125	 68, 158, 125
 255, 255, 255	 38, 132, 100
 124, 213, 178	 0, 106, 76
 151, 242, 205	 0, 81, 53
 180, 255, 233	 0, 57, 32
 208, 255, 255	 0, 37, 9
 238, 255, 255	 0, 0, 0

 68, 158, 125	 68, 158, 125
 52, 158, 119	 84, 158, 131
 36, 158, 113	 100, 158, 137

■ 21, 158, 108

■ 115, 158, 142

■ 5, 158, 102

■ 131, 158, 148

■ 0, 158, 100

■ 147, 158, 154

■ 163, 158, 160

■ 179, 158, 166

■ 194, 158, 171

■ 210, 158, 177

Harmonies

Analogous

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



111, 153, 96



68, 158, 125



0, 159, 158

Triad

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



68, 158, 125



122, 140, 204



197, 124, 99

Complementary

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



68, 158, 125



158, 68, 101

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.



204, 117, 127



68, 158, 125



166, 128, 187

Square

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



68, 158, 125



61, 150, 203



194, 119, 159



176, 135, 81

Rectangle

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



68, 158, 125



0, 158, 178



194, 119, 159



201, 121, 107

Sweetspot

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



68, 158, 125



171, 207, 194



101, 158, 68



84, 105, 97



232, 232, 232



105, 105, 105

Same Dimension

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



68, 158, 125



66, 207, 155



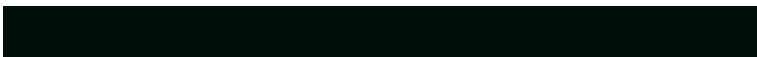
68, 146, 158



71, 79, 76



0, 143, 90



0, 15, 10

Inverse Universe

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



158, 68, 101



207, 66, 118



158, 80, 68



79, 71, 74



143, 0, 52



15, 0, 6

Previews

White Background



This preview shows how the RGB color 68, 158, 125 looks on a white background.

Color Contrast Check

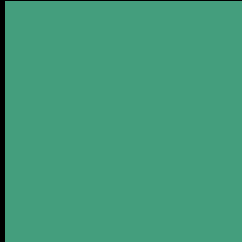
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 68, 158, 125 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 × Fail

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

RGB 68, 158, 125 Background



This preview shows how black text looks on a background with the RGB color 68, 158, 125.

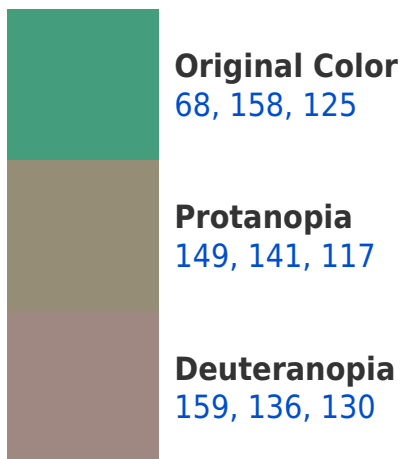


This preview shows how white text looks on a background with the RGB color 68, 158, 125.

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
81, 153, 165

Trichromacy



Original Color

68, 158, 125



Protanomaly

120, 147, 120



Deuteranomaly

126, 144, 128



Tritanomaly

76, 155, 150

Monochromacy



Original Color

68, 158, 125



Achromatopsia

127, 127, 127



Achromatomaly

106, 138, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 158, 125 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(68, 158, 125)` looks like.

```
.text, #text, p{  
    color:rgb(68, 158, 125)  
}
```

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(68, 158, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 158, 125) }
```

Border

The CSS property to change the border of an element to RGB 68, 158, 125 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(68, 158, 125) }
```

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

```
.border{ border-color:rgb(68, 158, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 158, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 158, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 158, 125);  
box-shadow:4px 4px 4px 4px rgb(68, 158,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 68, 158, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 158, 125) }
```

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

```
.background{ background-color: rgb(68, 158,  
125) }
```

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](#).

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