

Converting Colors

RGB(68, 129, 116)

Have a look what the booklet for
RGB(68, 129, 116) contains.

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Color

RGB(68, 129, 116)

Conversions

Conversions Part 1

Format	Color
Hex	448174
RGB	68, 129, 116
RGB Percent	27%, 51%, 45%
CMY	0.7333, 0.4941, 0.5451
CMYK	0.47, 0.00, 0.10, 0.49
HSL	167°, 31%, 39%
HSV	167°, 47%, 51%
XYZ	13.3865, 18.1904, 19.3286
YIQ	109.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

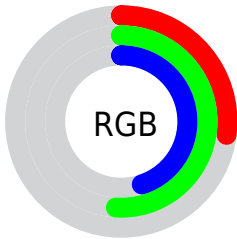
Format	Color
RYB	68, 102, 129
Decimal	4489588
CIELab	49.73, -23.16, 0.92
CIElCh	50, 23.177, 177.729
Yxy	18.1904, 0.2630, 0.3573
Android (android.graphics.Color)	4282679668 (0xFF448174)
YUV	109.2790, 3.3135, -36.2017
Hunter-Lab	42.6502, -18.6124, 2.9857

Details

The RGB color **68, 129, 116** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **129, 68, 81**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **120, 182, 168**, and **11, 79, 68** is the 20% darker color. If you saturate the color by 10%, you get **55, 129, 113**, and if you desaturate by 10%, it is **81, 129, 119**.

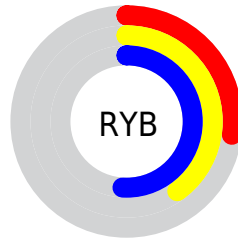
Distribution



Red (27%)

Green (51%)

Blue (45%)



Red (27%)

Yellow (40%)

Blue (51%)

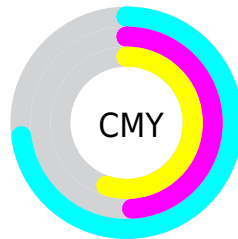


Cyan (47%)

Magenta (0%)

Yellow (10%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 129, 116 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, 129, 116 by changing the saturation by 10% instead.



68, 129, 116



68, 129, 116

255, 255, 255



42, 104, 91



120, 182, 168



11, 79, 68



147, 210, 195



0, 56, 46



174, 238, 223



0, 35, 25



202, 255, 252



0, 0, 0



231, 255, 255



68, 129, 116



68, 129, 116



55, 129, 113



81, 129, 119



42, 129, 111



94, 129, 121

■ 29, 129, 108

■ 107, 129, 124

■ 16, 129, 105

■ 120, 129, 127

■ 4, 129, 102

■ 133, 129, 130

■ 0, 129, 102

■ 145, 129, 132

■ 158, 129, 135

■ 171, 129, 138

■ 184, 129, 141

Harmonies

Analogous

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



90, 127, 97



68, 129, 116



55, 129, 136

Triad

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



68, 129, 116



119, 114, 153



149, 110, 86

Complementary

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



68, 129, 116



129, 68, 81

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.



157, 105, 101



68, 129, 116



142, 107, 140

Square

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



68, 129, 116



90, 121, 157



155, 104, 121



133, 116, 79

Rectangle

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



68, 129, 116



58, 127, 147



155, 104, 121



153, 108, 90

Sweetspot

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



68, 129, 116



145, 168, 163



81, 129, 68



70, 84, 81



212, 212, 212



84, 84, 84

Same Dimension

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



68, 129, 116



72, 168, 148



68, 112, 129



57, 64, 62



0, 128, 100



0, 0, 0

Inverse Universe

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



129, 68, 81



168, 72, 93



129, 85, 68



64, 57, 59



128, 0, 27



0, 0, 0

Previews

White Background



This preview shows how the RGB color 68, 129, 116 looks on a white 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

Black Background



This preview shows how the RGB color 68, 129, 116 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, 129, 116 Background



This preview shows how black text looks on a background with the RGB color 68, 129, 116.



This preview shows how white text looks on a background with the RGB color 68, 129, 116.

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



Original Color

68, 129, 116

Protanopia

122, 117, 110

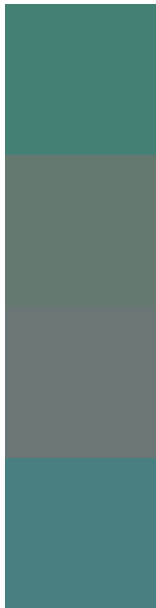
Deuteranopia

128, 114, 119



Tritanopia
74, 126, 136

Trichromacy



Original Color
68, 129, 116

Protanomaly
102, 121, 112

Deuteranomaly
106, 119, 118

Tritanomaly
72, 127, 129

Monochromacy



Original Color
68, 129, 116

Achromatopsia
109, 109, 109

Achromatomaly
94, 116, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 129, 116 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, 129, 116)` looks like.

```
.text, #text, p{  
    color:rgb(68, 129, 116)  
}
```

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, 129, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 129, 116) }
```

Border

The CSS property to change the border of an element to RGB 68, 129, 116 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, 129, 116) }
```

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

```
.border{ border-color:rgb(68, 129, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 129, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 129, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 129, 116);  
box-shadow:4px 4px 4px 4px rgb(68, 129,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 68, 129, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 129, 116) }
```

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

```
.background{ background-color: rgb(68, 129,  
116) }
```

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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