

Converting Colors

RGB(68, 158, 166)

Have a look what the booklet for
RGB(68, 158, 166) contains.

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Color

RGB(68, 158, 166)

Conversions

Conversions Part 1

Format	Color
Hex	449EA6
RGB	68, 158, 166
RGB Percent	27%, 62%, 65%
CMY	0.7333, 0.3804, 0.3490
CMYK	0.59, 0.05, 0.00, 0.35
HSL	185°, 42%, 46%
HSV	185°, 59%, 65%
XYZ	21.4937, 28.4358, 40.4322
YIQ	132.0020, -56.2080, -16.5920

Conversions

Conversions Part 2

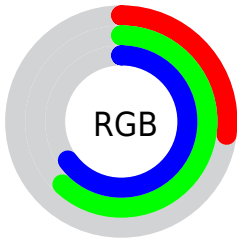
Format	Color
R _{YB}	68, 115, 166
Decimal	4497062
CIE _{Lab}	60.28, -24.17, -12.24
CIE _{LCh}	60, 27.094, 206.847
Y _{xy}	28.4358, 0.2379, 0.3147
Android (android.graphics.Color)	4282687142 (0xFF449EA6)
YUV	132.0020, 16.7610, -56.1298
Hunter-Lab	53.3253, -21.3716, -7.6271

Details

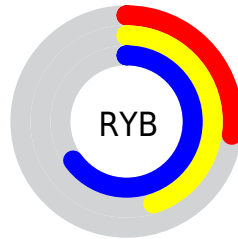
The RGB color **68, 158, 166** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **166, 76, 68**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **126, 213, 221**, and **0, 106, 114** is the 20% darker color. If you saturate the color by 10%, you get **51, 157, 166**, and if you desaturate by 10%, it is **85, 159, 166**.

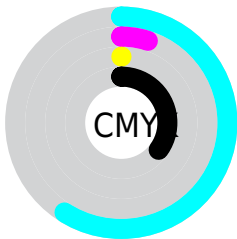
Distribution



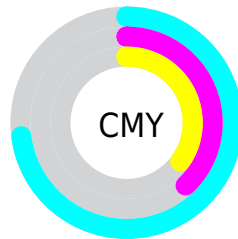
- Red (27%)
- Green (62%)
- Blue (65%)



- Red (27%)
- Yellow (45%)
- Blue (65%)



- Cyan (59%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)




- Cyan (73%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 158, 166 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, 166 by changing the saturation by 10% instead.

 68, 158, 166

255, 255, 255


 126, 213, 221


 154, 241, 250

 183, 255, 255


 212, 255, 255

 242, 255, 255

 68, 158, 166

 35, 132, 140

 0, 106, 114


 0, 82, 90


 0, 58, 66


 0, 37, 44


 0, 3, 24

 0, 0, 0

 68, 158, 166

 51, 157, 166

 68, 158, 166

 85, 159, 166

■ 35, 155, 166

■ 101, 161, 166

■ 18, 154, 166

■ 118, 162, 166

■ 2, 153, 166

■ 134, 163, 166

■ 0, 152, 166

■ 151, 165, 166

■ 168, 166, 166

■ 184, 167, 166

■ 201, 169, 166

■ 217, 170, 166

Harmonies

Analogous

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



85, 158, 142



68, 158, 166



78, 155, 185

Triad

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



68, 158, 166



173, 132, 172



164, 143, 98

Complementary

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



68, 158, 166



166, 76, 68

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.



183, 135, 106



68, 158, 166



190, 128, 149

Square

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



68, 158, 166



145, 140, 188



193, 129, 125



140, 150, 102

Rectangle

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



68, 158, 166



98, 151, 191



193, 129, 125



172, 140, 99

Sweetspot

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



68, 158, 166



178, 214, 217



68, 166, 75



86, 108, 110



237, 237, 237



110, 110, 110

Same Dimension

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



68, 158, 166



63, 204, 217



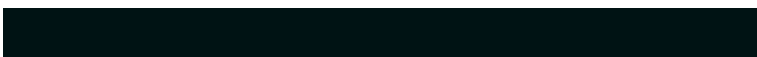
68, 110, 166



76, 83, 84



0, 136, 148



0, 19, 20

Inverse Universe

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



166, 68, 158



217, 63, 204



166, 124, 68



84, 76, 83



148, 0, 136



20, 0, 19

Previews

White Background



This preview shows how the RGB color 68, 158, 166 looks on a white background.

Color Contrast Check

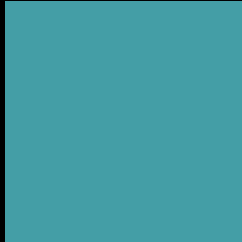
Large Text (above 18pt) WCAG AA ✓ Pass

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, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

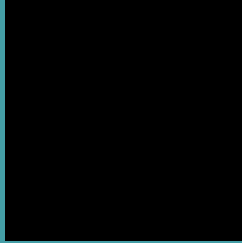
Any Text WCAG AA ✓ Pass

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, 166 Background



This preview shows how black text looks on a background with the RGB color 68, 158, 166.

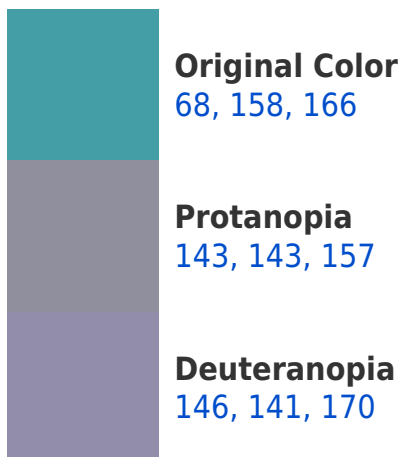


This preview shows how white text looks on a background with the RGB color 68, 158, 166.

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
70, 157, 170

Trichromacy



Original Color

68, 158, 166



Protanomaly

116, 148, 160



Deuteranomaly

118, 147, 169



Tritanomaly

69, 157, 169

Monochromacy



Original Color

68, 158, 166



Achromatopsia

132, 132, 132



Achromatomaly

109, 141, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 158, 166 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(68, 158, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 158, 166) }
```

Border

The CSS property to change the border of an element to RGB 68, 158, 166 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, 166) }
```

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

```
.border{ border-color:rgb(68, 158, 166) }
```

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, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(68, 158,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 68, 158, 166 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, 166) }
```

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

```
.background{ background-color: rgb(68, 158,  
166) }
```

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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