

Converting Colors

RGB(102, 176, 164)

Have a look what the booklet for
RGB(102, 176, 164) contains.

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Color

RGB(102, 176, 164)

Conversions

Conversions Part 1

Format	Color
Hex	66B0A4
RGB	102, 176, 164
RGB Percent	40%, 69%, 64%
CMY	0.6000, 0.3098, 0.3569
CMYK	0.42, 0.00, 0.07, 0.31
HSL	170°, 32%, 55%
HSV	170°, 42%, 69%
XYZ	27.7057, 36.5558, 40.7177
YIQ	152.5060, -40.2520, -19.4200

Conversions

Conversions Part 2

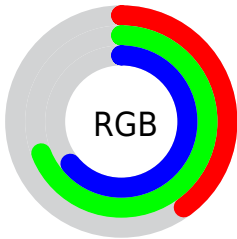
Format	Color
RYB	102, 142, 176
Decimal	6729892
CIELab	66.94, -25.99, -1.09
CIELCh	67, 26.010, 182.395
Yxy	36.5558, 0.2639, 0.3482
Android (android.graphics.Color)	4284919972 (0xFF66B0A4)
YUV	152.5060, 5.6665, -44.2938
Hunter-Lab	60.4614, -24.0120, 2.3941

Details

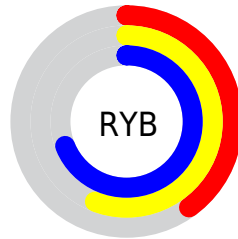
The RGB color **102, 176, 164** is a light color, and the websafe version is hex **339999**. A complement of this color would be **176, 102, 114**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **157, 232, 219**, and **47, 123, 112** is the 20% darker color. If you saturate the color by 10%, you get **84, 176, 161**, and if you desaturate by 10%, it is **120, 176, 167**.

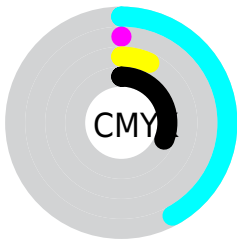
Distribution



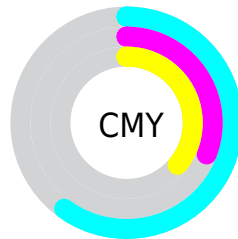
- Red (40%)
- Green (69%)
- Blue (64%)



- Red (40%)
- Yellow (56%)
- Blue (69%)



- Cyan (42%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 176, 164 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 102, 176, 164 by changing the saturation by 10% instead.

 102, 176, 164


255, 255, 255


 157, 232, 219


 185, 255, 247


 213, 255, 255

 242, 255, 255

 102, 176, 164

 75, 149, 138

 47, 123, 112

 13, 98, 88


 0, 74, 65

 0, 51, 43

 0, 31, 22

 0, 0, 0

 102, 176, 164

 84, 176, 161

 102, 176, 164

 120, 176, 167

67, 176, 158

137, 176, 170

49, 176, 155

155, 176, 173

32, 176, 153

172, 176, 175

14, 176, 150

190, 176, 178

0, 176, 147

208, 176, 181

225, 176, 184

243, 176, 187

255, 176, 190

Harmonies

Analogous

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



126, 174, 141



102, 176, 164



92, 175, 187

Triad

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



102, 176, 164



169, 156, 202



198, 154, 122

Complementary

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



102, 176, 164



176, 102, 114

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.



209, 148, 139



102, 176, 164



195, 149, 185

Square

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



102, 176, 164



136, 164, 209



208, 146, 162



178, 162, 116

Rectangle

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



102, 176, 164



98, 173, 199



208, 146, 162



203, 152, 127

Sweetspot

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



102, 176, 164



200, 230, 225



114, 176, 102



96, 115, 112



242, 242, 242



115, 115, 115

Same Dimension

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



102, 176, 164



115, 230, 211



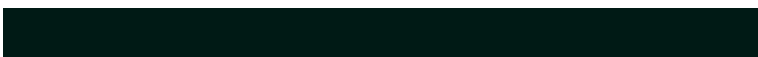
102, 151, 176



80, 89, 88



0, 153, 128



0, 26, 21

Inverse Universe

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



176, 102, 114



230, 115, 133



176, 127, 102



89, 80, 82



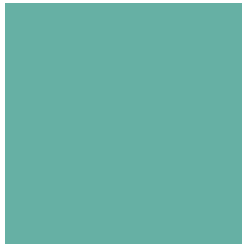
153, 0, 25



26, 0, 4

Previews

White Background



This preview shows how the RGB color 102, 176, 164 looks on a white background.

Color Contrast Check

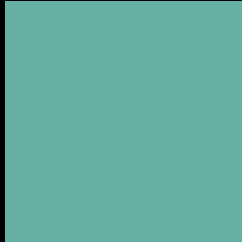
Large Text (above 18pt) WCAG AA × Fail

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 102, 176, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

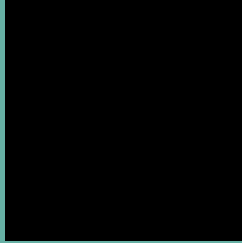
Any Text WCAG AA ✓ Pass

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 102, 176, 164 Background



This preview shows how black text looks on a background with the RGB color 102, 176, 164.

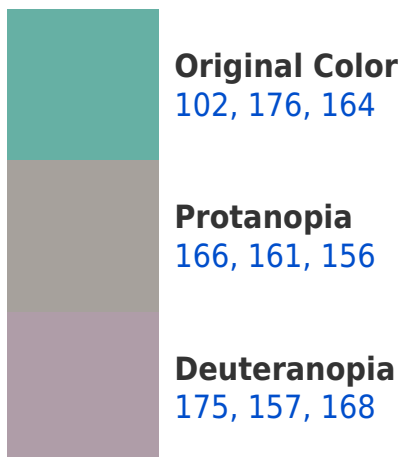


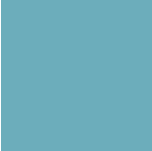
This preview shows how white text looks on a background with the RGB color 102, 176, 164.

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
108, 173, 187

Trichromacy



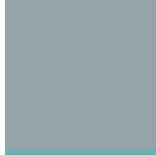
Original Color

102, 176, 164



Protanomaly

143, 166, 159



Deuteranomaly

148, 164, 167



Tritanomaly

106, 174, 179

Monochromacy



Original Color

102, 176, 164



Achromatopsia

153, 153, 153



Achromatomaly

134, 161, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 176, 164 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(102, 176, 164)` looks like.

```
.text, #text, p{  
    color:rgb(102, 176, 164)  
}
```

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(102, 176, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 176, 164) }
```

Border

The CSS property to change the border of an element to RGB 102, 176, 164 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(102, 176, 164) }
```

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

```
.border{ border-color:rgb(102, 176, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 176, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 176, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 176, 164);  
box-shadow:4px 4px 4px 4px rgb(102, 176,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 102, 176, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 176, 164) }
```

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

```
.background{ background-color: rgb(102,  
176, 164) }
```

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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