

Converting Colors

RGB(102, 181, 166)

Have a look what the booklet for
RGB(102, 181, 166) contains.

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Color

RGB(102, 181, 166)

Conversions

Conversions Part 1

Format	Color
Hex	66B5A6
RGB	102, 181, 166
RGB Percent	40%, 71%, 65%
CMY	0.6000, 0.2902, 0.3490
CMYK	0.44, 0.00, 0.08, 0.29
HSL	169°, 35%, 55%
HSV	169°, 44%, 71%
XYZ	28.8863, 38.6257, 42.0094
YIQ	155.6690, -42.2690, -21.4130

Conversions

Conversions Part 2

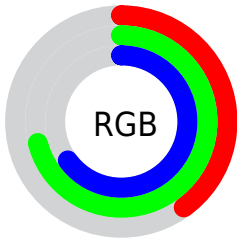
Format	Color
RYB	102, 146, 181
Decimal	6731174
CIELab	68.48, -27.97, 0.05
CIElCh	68, 27.968, 179.888
Yxy	38.6257, 0.2638, 0.3527
Android (android.graphics.Color)	4284921254 (0xFF66B5A6)
YUV	155.6690, 5.0932, -47.0677
Hunter-Lab	62.1496, -25.7973, 3.4282

Details

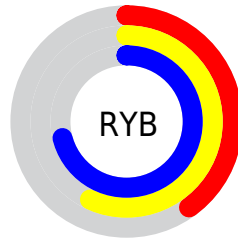
The RGB color **102, 181, 166** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **181, 102, 117**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **157, 237, 221**, and **46, 128, 114** is the 20% darker color. If you saturate the color by 10%, you get **84, 181, 163**, and if you desaturate by 10%, it is **120, 181, 169**.

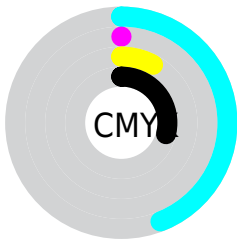
Distribution



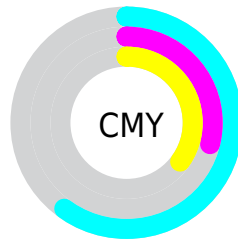
- Red (40%)
- Green (71%)
- Blue (65%)



- Red (40%)
- Yellow (57%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)




- Cyan (60%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 181, 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 102, 181, 166 by changing the saturation by 10% instead.

 102, 181, 166


255, 255, 255


 157, 237, 221


 185, 255, 250


 214, 255, 255

 243, 255, 255

 102, 181, 166

 75, 154, 140

 46, 128, 114

 9, 102, 90


 0, 78, 66


 0, 54, 44


 0, 34, 24

 0, 0, 0

 102, 181, 166

 84, 181, 163

 102, 181, 166

 120, 181, 169

■ 66, 181, 159

■ 138, 181, 173

■ 48, 181, 156

■ 156, 181, 176

■ 30, 181, 152

■ 174, 181, 180

■ 11, 181, 149

■ 193, 181, 183

■ 0, 181, 147

■ 211, 181, 187

■ 229, 181, 190

■ 247, 181, 193

■ 255, 181, 197

Harmonies

Analogous

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



129, 179, 141



102, 181, 166



88, 180, 191

Triad

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



102, 181, 166



171, 161, 211



206, 157, 124

Complementary

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



102, 181, 166



181, 102, 117

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.



217, 150, 143



102, 181, 166



199, 152, 193

Square

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



102, 181, 166



134, 169, 217



215, 148, 168



185, 165, 116

Rectangle

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



102, 181, 166



94, 178, 205



215, 148, 168



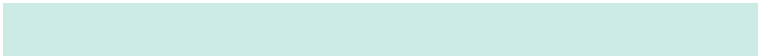
211, 154, 129

Sweetspot

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



102, 181, 166



204, 235, 229



118, 181, 102



99, 117, 114



245, 245, 245



117, 117, 117

Same Dimension

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



102, 181, 166



113, 235, 211



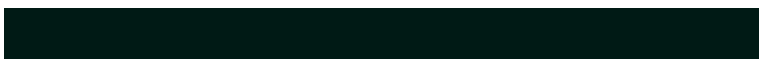
102, 157, 181



80, 89, 88



0, 153, 124



0, 26, 21

Inverse Universe

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



181, 102, 117



235, 113, 136



181, 126, 102



89, 80, 82



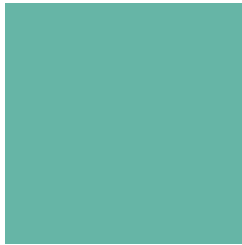
153, 0, 29



26, 0, 5

Previews

White Background



This preview shows how the RGB color 102, 181, 166 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, 181, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

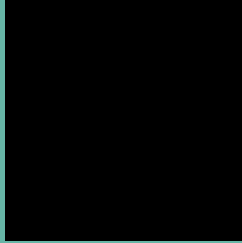
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

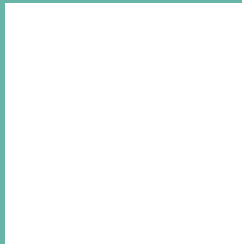
Any Text WCAG AAA ✓ Pass

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

RGB 102, 181, 166 Background



This preview shows how black text looks on a background with the RGB color 102, 181, 166.

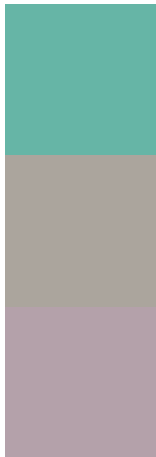


This preview shows how white text looks on a background with the RGB color 102, 181, 166.

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



Original Color
102, 181, 166

Protanopia
171, 165, 157

Deuteranopia
180, 161, 170



Tritanopia
109, 177, 192

Trichromacy



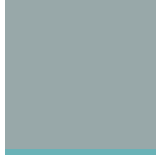
Original Color

102, 181, 166



Protanomaly

146, 171, 160



Deuteranomaly

152, 168, 169



Tritanomaly

106, 178, 183

Monochromacy



Original Color

102, 181, 166



Achromatopsia

156, 156, 156



Achromatomaly

136, 165, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 181, 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(102, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(102, 181, 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(102, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 181, 166) }
```

Border

The CSS property to change the border of an element to RGB 102, 181, 166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

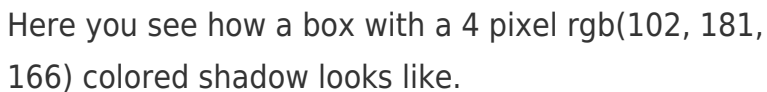
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 181, 166) }
```

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

```
.border{ border-color:rgb(102, 181, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 181, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 181, 166); box-shadow:4px 4px 4px 4px rgb(102, 181, 166) }
```

Background

The CSS property to change the background color of an element to RGB 102, 181, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 181, 166) }
```

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

```
.background{ background-color: rgb(102,  
181, 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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