

Converting Colors

RGB(102, 182, 167)

Have a look what the booklet for
RGB(102, 182, 167) contains.

RGB(102, 182, 167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(102, 182, 167)

Conversions

Conversions Part 1

Format	Color
Hex	66B6A7
RGB	102, 182, 167
RGB Percent	40%, 71%, 65%
CMY	0.6000, 0.2863, 0.3451
CMYK	0.44, 0.00, 0.08, 0.29
HSL	169°, 35%, 56%
HSV	169°, 44%, 71%
XYZ	29.1825, 39.0707, 42.5625
YIQ	156.3700, -42.8650, -21.6250

Conversions

Conversions Part 2

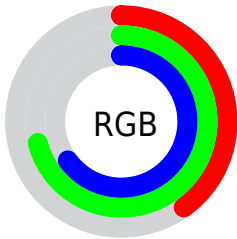
Format	Color
RYB	102, 146, 182
Decimal	6731431
CIELab	68.80, -28.22, -0.02
CIELCh	69, 28.216, 180.049
Yxy	39.0707, 0.2633, 0.3526
Android (android.graphics.Color)	4284921511 (0xFF66B6A7)
YUV	156.3700, 5.2406, -47.6825
Hunter-Lab	62.5066, -26.0500, 3.3823

Details

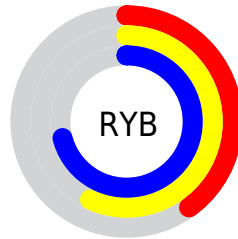
The RGB color **102, 182, 167** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **182, 102, 117**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **157, 238, 222**, and **46, 129, 115** is the 20% darker color. If you saturate the color by 10%, you get **84, 182, 164**, and if you desaturate by 10%, it is **120, 182, 170**.

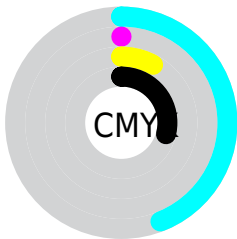
Distribution



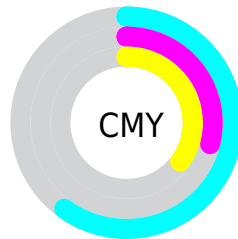
- Red (40%)
- Green (71%)
- Blue (65%)



- 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, 182, 167 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, 182, 167 by changing the saturation by 10% instead.

 102, 182, 167

255, 255, 255


 157, 238, 222


 185, 255, 251

 214, 255, 255

 243, 255, 255

 102, 182, 167

 75, 155, 141

 46, 129, 115


 8, 103, 91


 0, 79, 67


 0, 55, 45

 0, 35, 24

 0, 0, 0

 102, 182, 167

 84, 182, 164

 102, 182, 167

 120, 182, 170

■ 66, 182, 160

■ 138, 182, 174

■ 47, 182, 157

■ 157, 182, 177

■ 29, 182, 153

■ 175, 182, 181

■ 11, 182, 150

■ 193, 182, 184

■ 0, 182, 148

■ 211, 182, 187

■ 229, 182, 191

■ 248, 182, 194

■ 255, 182, 198

Harmonies

Analogous

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



129, 179, 142



102, 182, 167



88, 181, 192

Triad

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



102, 182, 167



172, 161, 212



207, 158, 124

Complementary

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



102, 182, 167



182, 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.



218, 151, 144



102, 182, 167



201, 153, 194

Square

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



102, 182, 167



135, 170, 218



217, 149, 169



186, 166, 117

Rectangle

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



102, 182, 167



94, 179, 206



217, 149, 169



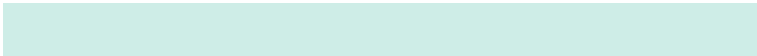
212, 155, 130

Sweetspot

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



102, 182, 167



206, 237, 231



118, 182, 102



101, 120, 116



247, 247, 247



120, 120, 120

Same Dimension

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



102, 182, 167



111, 237, 214



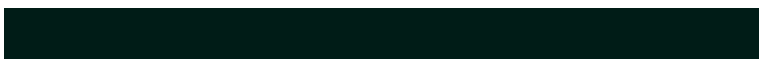
102, 158, 182



83, 92, 90



0, 156, 126



0, 28, 23

Inverse Universe

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



182, 102, 117



237, 111, 135



182, 126, 102



92, 83, 84



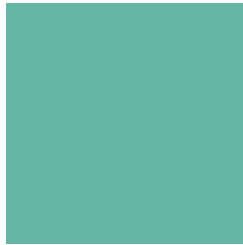
156, 0, 29



28, 0, 5

Previews

White Background



This preview shows how the RGB color 102, 182, 167 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, 182, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

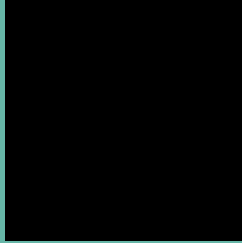
Any Text WCAG AA ✓ Pass

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, 182, 167 Background



This preview shows how black text looks on a background with the RGB color 102, 182, 167.

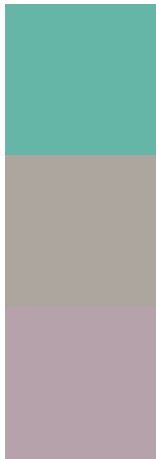


This preview shows how white text looks on a background with the RGB color 102, 182, 167.

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](#).

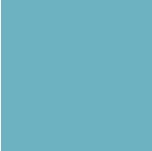
Dichromacy



Original Color
102, 182, 167

Protanopia
172, 166, 158

Deuteranopia
181, 162, 171



Tritanopia
109, 178, 193

Trichromacy



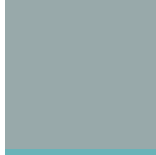
Original Color

102, 182, 167



Protanomaly

147, 172, 161



Deuteranomaly

152, 169, 170



Tritanomaly

106, 179, 184

Monochromacy



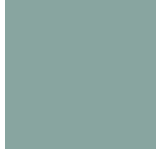
Original Color

102, 182, 167



Achromatopsia

156, 156, 156



Achromatomaly

136, 165, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 182, 167 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, 182, 167)` looks like.

```
.text, #text, p{  
    color:rgb(102, 182, 167)  
}
```

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, 182, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 182, 167) }
```

Border

The CSS property to change the border of an element to RGB 102, 182, 167 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, 182, 167) }
```

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

```
.border{ border-color:rgb(102, 182, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 182, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 182, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 182, 167);  
box-shadow:4px 4px 4px 4px rgb(102, 182,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 102, 182, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 182, 167) }
```

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

```
.background{ background-color: rgb(102,  
182, 167) }
```

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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