

Converting Colors

RGB(102, 180, 145)

Have a look what the booklet for
RGB(102, 180, 145) contains.

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Color

RGB(102, 180, 145)

Conversions

Conversions Part 1

Format	Color
Hex	66B491
RGB	102, 180, 145
RGB Percent	40%, 71%, 57%
CMY	0.6000, 0.2941, 0.4314
CMYK	0.43, 0.00, 0.19, 0.29
HSL	153°, 34%, 55%
HSV	153°, 43%, 71%
XYZ	26.9116, 37.5116, 32.6101
YIQ	152.6880, -35.2530, -27.4210

Conversions

Conversions Part 2

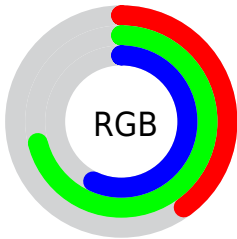
Format	Color
RYB	102, 152, 180
Decimal	6730897
CIELab	67.66, -32.27, 10.43
CIELCh	68, 33.918, 162.094
Yxy	37.5116, 0.2773, 0.3866
Android (android.graphics.Color)	4284920977 (0xFF66B491)
YUV	152.6880, -3.7902, -44.4534
Hunter-Lab	61.2467, -28.7496, 11.3044

Details

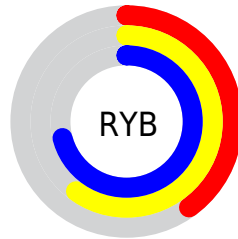
The RGB color **102, 180, 145** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **180, 102, 137**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **156, 236, 199**, and **48, 127, 95** is the 20% darker color. If you saturate the color by 10%, you get **84, 180, 137**, and if you desaturate by 10%, it is **120, 180, 153**.

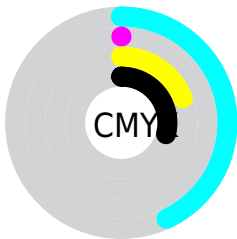
Distribution



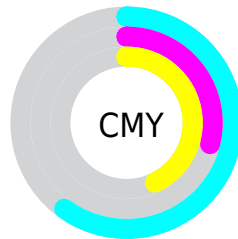
- Red (40%)
- Green (71%)
- Blue (57%)



- Red (40%)
- Yellow (60%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 180, 145 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, 180, 145 by changing the saturation by 10% instead.

 102, 180, 145

255, 255, 255


 156, 236, 199

 184, 255, 227

 213, 255, 255

 242, 255, 255

 102, 180, 145

 75, 153, 119

 48, 127, 95


 14, 101, 71


 0, 77, 48


 0, 53, 27

 0, 34, 1

 0, 0, 0

 102, 180, 145

 84, 180, 137

 102, 180, 145

 120, 180, 153

■ 66, 180, 129

■ 138, 180, 161

■ 48, 180, 121

■ 156, 180, 169

■ 30, 180, 113

■ 174, 180, 177

■ 12, 180, 105

■ 192, 180, 185

■ 0, 180, 99

■ 210, 180, 193

■ 228, 180, 202

■ 246, 180, 210

■ 255, 180, 218

Harmonies

Analogous

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



139, 175, 118



102, 180, 145



65, 181, 177

Triad

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



102, 180, 145



142, 164, 224



220, 147, 125

Complementary

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



102, 180, 145



180, 102, 137

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.



225, 141, 153



102, 180, 145



184, 152, 210

Square

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



102, 180, 145



92, 173, 222



213, 144, 184



201, 157, 107

Rectangle

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



102, 180, 145



52, 180, 196



213, 144, 184



223, 144, 134

Sweetspot

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



102, 180, 145



204, 235, 221



137, 180, 102



99, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



102, 180, 145



113, 235, 180



102, 176, 180



80, 89, 85



0, 153, 84



0, 26, 14

Inverse Universe

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



180, 102, 137



235, 113, 167



180, 106, 102



89, 80, 84



153, 0, 69



26, 0, 11

Previews

White Background



This preview shows how the RGB color 102, 180, 145 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, 180, 145 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, 180, 145 Background



This preview shows how black text looks on a background with the RGB color 102, 180, 145.

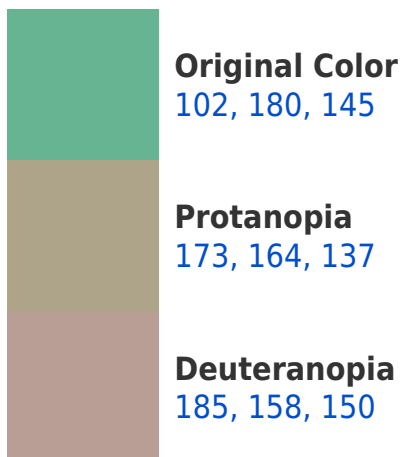


This preview shows how white text looks on a background with the RGB color 102, 180, 145.

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
113, 174, 188

Trichromacy



Original Color

102, 180, 145



Protanomaly

147, 170, 140



Deuteranomaly

155, 166, 148



Tritanomaly

109, 176, 172

Monochromacy



Original Color

102, 180, 145



Achromatopsia

153, 153, 153



Achromatomaly

134, 163, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 180, 145 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, 180, 145)` looks like.

```
.text, #text, p{  
    color:rgb(102, 180, 145)  
}
```

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, 180, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 180, 145) }
```

Border

The CSS property to change the border of an element to RGB 102, 180, 145 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, 180, 145) }
```

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

```
.border{ border-color:rgb(102, 180, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 180, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 180, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 180, 145);  
box-shadow:4px 4px 4px 4px rgb(102, 180,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 102, 180, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 180, 145) }
```

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

```
.background{ background-color: rgb(102,  
180, 145) }
```

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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