

Converting Colors

RGB(102, 186, 143)

Have a look what the booklet for
RGB(102, 186, 143) contains.

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Color

RGB(102, 186, 143)

Conversions

Conversions Part 1

Format	Color
Hex	66BA8F
RGB	102, 186, 143
RGB Percent	40%, 73%, 56%
CMY	0.6000, 0.2706, 0.4392
CMYK	0.45, 0.00, 0.23, 0.27
HSL	149°, 38%, 56%
HSV	149°, 45%, 73%
XYZ	27.9963, 39.9258, 32.2175
YIQ	155.9820, -36.2610, -31.1810

Conversions

Conversions Part 2

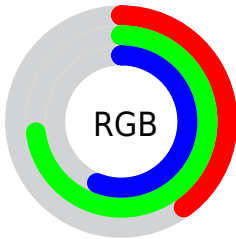
Format	Color
RYB	102, 158, 186
Decimal	6732431
CIELab	69.42, -35.50, 14.00
CIELCh	69, 38.157, 158.479
Yxy	39.9258, 0.2796, 0.3987
Android (android.graphics.Color)	4284922511 (0xFF66BA8F)
YUV	155.9820, -6.4001, -47.3422
Hunter-Lab	63.1868, -31.4886, 14.0002

Details

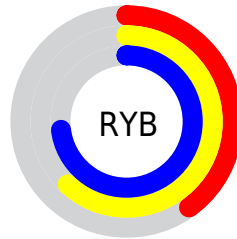
The RGB color **102, 186, 143** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **186, 102, 145**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **157, 243, 197**, and **46, 132, 93** is the 20% darker color. If you saturate the color by 10%, you get **83, 186, 133**, and if you desaturate by 10%, it is **121, 186, 153**.

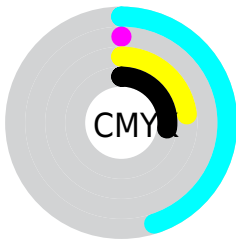
Distribution



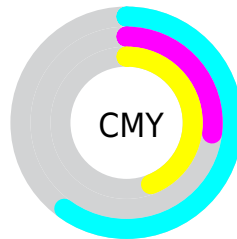
- Red (40%)
- Green (73%)
- Blue (56%)



- Red (40%)
- Yellow (62%)
- Blue (73%)



- Cyan (45%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)




- Cyan (60%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 186, 143 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, 186, 143 by changing the saturation by 10% instead.

 102, 186, 143

255, 255, 255


 157, 243, 197

 185, 255, 225


 214, 255, 254


 243, 255, 255

 102, 186, 143

 75, 159, 117

 46, 132, 93

 9, 107, 69


 0, 82, 46

 0, 58, 25


 0, 37, 0

 0, 0, 0

 102, 186, 143

 83, 186, 133

 102, 186, 143

 121, 186, 153

■ 65, 186, 124

■ 139, 186, 162

■ 46, 186, 114

■ 158, 186, 172

■ 28, 186, 105

■ 176, 186, 181

■ 9, 186, 95

■ 195, 186, 191

■ 0, 186, 91

■ 214, 186, 200

■ 232, 186, 210

■ 251, 186, 219

■ 255, 186, 229

Harmonies

Analogous

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



145, 180, 114



102, 186, 143



51, 188, 179

Triad

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



102, 186, 143



135, 170, 238



233, 148, 128

Complementary

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



102, 186, 143



186, 102, 145

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.



236, 142, 161



102, 186, 143



186, 157, 224

Square

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



102, 186, 143



73, 180, 233



221, 146, 196



213, 159, 106

Rectangle

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



102, 186, 143



7, 187, 201



221, 146, 196



236, 145, 138

Sweetspot

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



102, 186, 143



208, 242, 225



145, 186, 102



102, 122, 112



250, 250, 250



122, 122, 122

Same Dimension

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



102, 186, 143



111, 242, 175



102, 186, 185



83, 92, 87



0, 156, 76



0, 28, 14

Inverse Universe

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



186, 102, 145



242, 111, 178



186, 102, 103



92, 83, 87



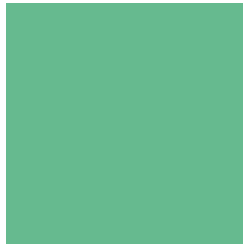
156, 0, 80



28, 0, 14

Previews

White Background



This preview shows how the RGB color 102, 186, 143 looks on a white background.

Color Contrast Check

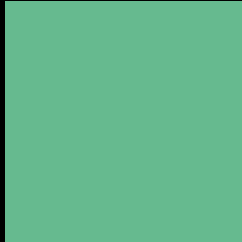
Large Text (above 18pt) WCAG AA × Fail

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, 186, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

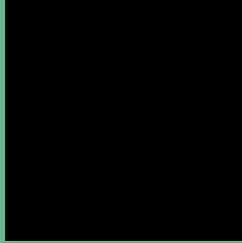
Any Text WCAG AA ✓ Pass

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, 186, 143 Background



This preview shows how black text looks on a background with the RGB color 102, 186, 143.



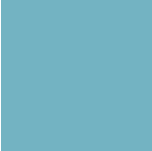
This preview shows how white text looks on a background with the RGB color 102, 186, 143.

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](#).

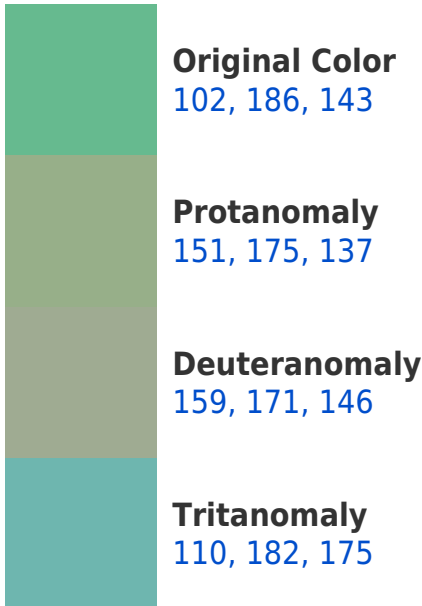
Dichromacy



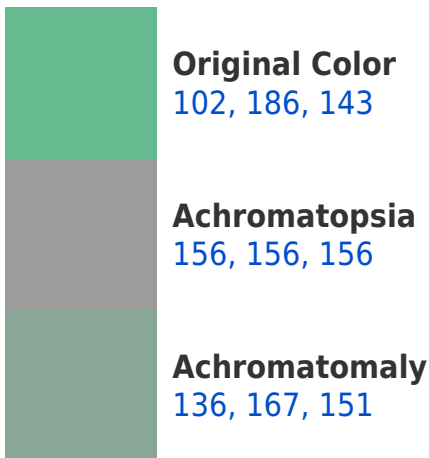


Tritanopia
115, 179, 194

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 186, 143 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, 186, 143)` looks like.

```
.text, #text, p{  
    color:rgb(102, 186, 143)  
}
```

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, 186, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 186, 143) }
```

Border

The CSS property to change the border of an element to RGB 102, 186, 143 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, 186, 143) }
```

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

```
.border{ border-color:rgb(102, 186, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 186, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 186, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 186, 143);  
box-shadow:4px 4px 4px 4px rgb(102, 186,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 102, 186, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 186, 143) }
```

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

```
.background{ background-color: rgb(102,  
186, 143) }
```

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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