

Converting Colors

RGB(102, 185, 137)

Have a look what the booklet for
RGB(102, 185, 137) contains.

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Color

RGB(102, 185, 137)

Conversions

Conversions Part 1

Format	Color
Hex	66B989
RGB	102, 185, 137
RGB Percent	40%, 73%, 54%
CMY	0.6000, 0.2745, 0.4627
CMYK	0.45, 0.00, 0.26, 0.27
HSL	145°, 37%, 56%
HSV	145°, 45%, 73%
XYZ	27.3438, 39.3288, 29.8170
YIQ	154.7110, -34.0600, -32.5240

Conversions

Conversions Part 2

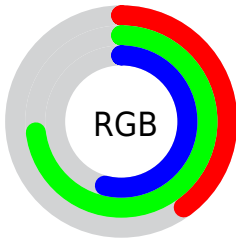
Format	Color
RYB	102, 160, 185
Decimal	6732169
CIELab	68.99, -36.26, 16.66
CIELCh	69, 39.901, 155.327
Yxy	39.3288, 0.2834, 0.4076
Android (android.graphics.Color)	4284922249 (0xFF66B989)
YUV	154.7110, -8.7315, -46.2275
Hunter-Lab	62.7127, -31.9182, 15.7093

Details

The RGB color **102, 185, 137** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **185, 102, 150**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **157, 242, 191**, and **47, 131, 87** is the 20% darker color. If you saturate the color by 10%, you get **84, 185, 126**, and if you desaturate by 10%, it is **121, 185, 148**.

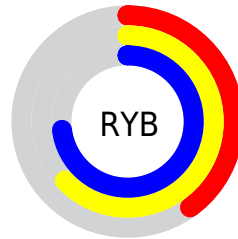
Distribution



Red (40%)

Green (73%)

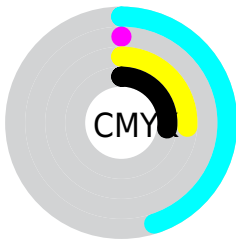
Blue (54%)



Red (40%)

Yellow (63%)

Blue (73%)

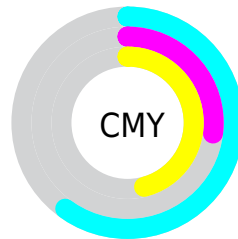


Cyan (45%)

Magenta (0%)

Yellow (26%)

Black (27%)



Cyan (60%)

Magenta (27%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 185, 137 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, 185, 137 by changing the saturation by 10% instead.

 102, 185, 137


255, 255, 255


 157, 242, 191

 185, 255, 218


 214, 255, 247


 243, 255, 255

 102, 185, 137

 75, 158, 111

 47, 131, 87

 11, 106, 63


 0, 81, 41


 0, 57, 20


 0, 37, 0

 0, 0, 0

 102, 185, 137

 84, 185, 126

 102, 185, 137

 121, 185, 148

■ 65, 185, 116

■ 139, 185, 158

■ 47, 185, 105

■ 157, 185, 169

■ 28, 185, 94

■ 176, 185, 180

■ 9, 185, 84

■ 195, 185, 190

■ 0, 185, 78

■ 213, 185, 201

■ 232, 185, 212

■ 250, 185, 223

■ 255, 185, 233

Harmonies

Analogous

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



147, 179, 108



102, 185, 137



43, 188, 174

Triad

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



102, 185, 137



125, 170, 240



235, 144, 128

Complementary

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



102, 185, 137



185, 102, 150

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.



237, 140, 163



102, 185, 137



181, 157, 227

Square

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



102, 185, 137



52, 180, 233



219, 145, 199



216, 156, 103

Rectangle

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



102, 185, 137



0, 187, 198



219, 145, 199



238, 142, 139

Sweetspot

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



102, 185, 137



209, 240, 222



150, 185, 102



101, 120, 109



247, 247, 247



120, 120, 120

Same Dimension

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



102, 185, 137



110, 240, 165



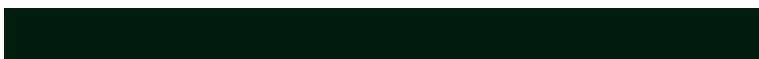
102, 185, 178



83, 92, 86



0, 156, 66



0, 28, 12

Inverse Universe

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



185, 102, 150



240, 110, 185



185, 102, 109



92, 83, 88



156, 0, 90



28, 0, 16

Previews

White Background



This preview shows how the RGB color 102, 185, 137 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, 185, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

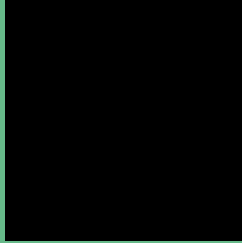
Any Text WCAG AA ✓ Pass

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, 185, 137 Background



This preview shows how black text looks on a background with the RGB color 102, 185, 137.

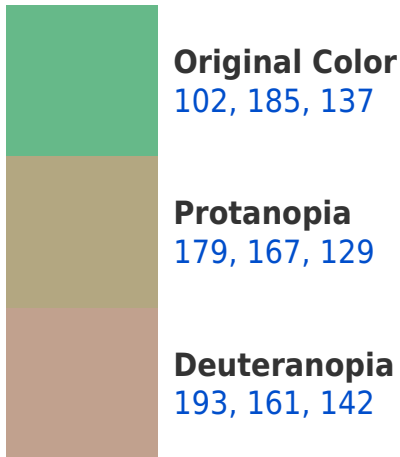


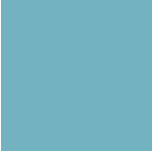
This preview shows how white text looks on a background with the RGB color 102, 185, 137.

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](#).

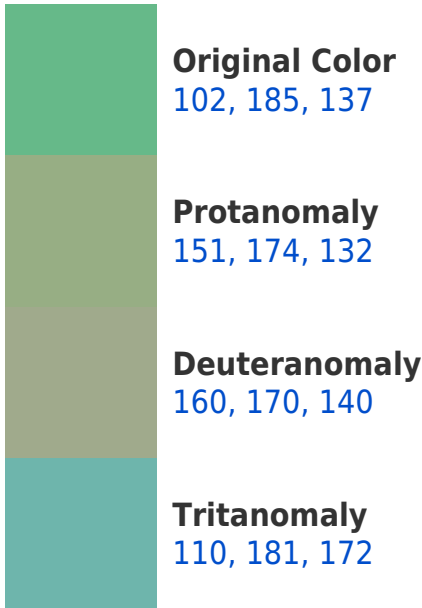
Dichromacy



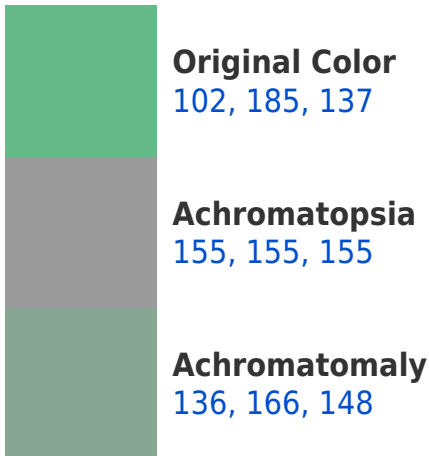


Tritanopia
115, 178, 192

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 185, 137 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, 185, 137)` looks like.

```
.text, #text, p{  
    color:rgb(102, 185, 137)  
}
```

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, 185, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 185, 137) }
```

Border

The CSS property to change the border of an element to RGB 102, 185, 137 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, 185, 137) }
```

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

```
.border{ border-color:rgb(102, 185, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 185, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 185, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 185, 137);  
box-shadow:4px 4px 4px 4px rgb(102, 185,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 102, 185, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 185, 137) }
```

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

```
.background{ background-color: rgb(102,  
185, 137) }
```

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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