

Converting Colors

RGB(101, 185, 138)

Have a look what the booklet for
RGB(101, 185, 138) contains.

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Color

RGB(101, 185, 138)

Conversions

Conversions Part 1

Format	Color
Hex	65B98A
RGB	101, 185, 138
RGB Percent	40%, 73%, 54%
CMY	0.6039, 0.2745, 0.4588
CMYK	0.45, 0.00, 0.25, 0.27
HSL	146°, 38%, 56%
HSV	146°, 45%, 73%
XYZ	27.3032, 39.2996, 30.1913
YIQ	154.5260, -34.9770, -32.4250

Conversions

Conversions Part 2

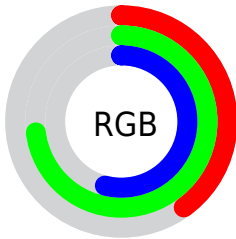
Format	Color
RYB	101, 159, 185
Decimal	6666634
CIELab	68.97, -36.33, 16.08
CIElCh	69, 39.729, 156.128
Yxy	39.2996, 0.2821, 0.4060
Android (android.graphics.Color)	4284856714 (0xFF65B98A)
YUV	154.5260, -8.1473, -46.9423
Hunter-Lab	62.6894, -31.9640, 15.3284

Details

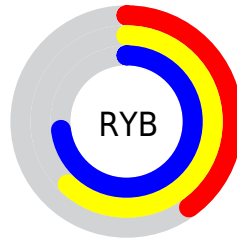
The RGB color **101, 185, 138** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **185, 101, 148**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **156, 242, 192**, and **45, 131, 88** is the 20% darker color. If you saturate the color by 10%, you get **82, 185, 128**, and if you desaturate by 10%, it is **119, 185, 148**.

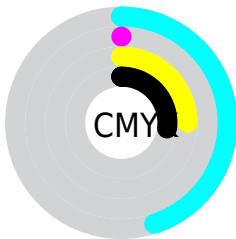
Distribution



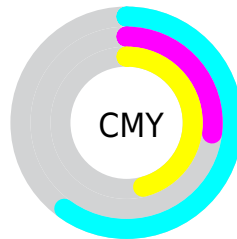
- Red (40%)
- Green (73%)
- Blue (54%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)




- Cyan (60%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 185, 138 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 101, 185, 138 by changing the saturation by 10% instead.

 101, 185, 138

255, 255, 255


 156, 242, 192


 184, 255, 219


 213, 255, 248

 242, 255, 255

 101, 185, 138


 82, 185, 128

 101, 185, 138

 74, 158, 112

 45, 131, 88


 7, 106, 64


 0, 81, 42


 0, 57, 21

 0, 37, 0


 0, 0, 0


 101, 185, 138

 119, 185, 148

 64, 185, 117


 138, 185, 159


 45, 185, 107


 156, 185, 169


 27, 185, 97


 175, 185, 179

 8, 185, 86

 194, 185, 190

 0, 185, 81

 212, 185, 200

 230, 185, 210

 249, 185, 221

 255, 185, 231

Harmonies

Analogous

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



146, 179, 109



101, 185, 138



42, 187, 175

Triad

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



101, 185, 138



127, 169, 239



234, 145, 128

Complementary

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



101, 185, 138



185, 101, 148

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, 162



101, 185, 138



182, 156, 226

Square

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



101, 185, 138



56, 180, 233



219, 144, 198



215, 156, 103

Rectangle

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



101, 185, 138



0, 187, 199



219, 144, 198



237, 142, 138

Sweetspot

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



101, 185, 138



206, 240, 221



149, 185, 101



99, 120, 108



247, 247, 247



120, 120, 120

Same Dimension

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



101, 185, 138



110, 240, 167



101, 185, 179



83, 92, 87



0, 156, 69



0, 28, 12

Inverse Universe

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



185, 101, 148



240, 110, 183



185, 101, 107



92, 83, 88



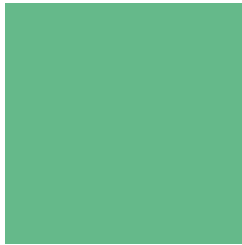
156, 0, 87



28, 0, 16

Previews

White Background



This preview shows how the RGB color 101, 185, 138 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 101, 185, 138 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 101, 185, 138 Background



This preview shows how black text looks on a background with the RGB color 101, 185, 138.

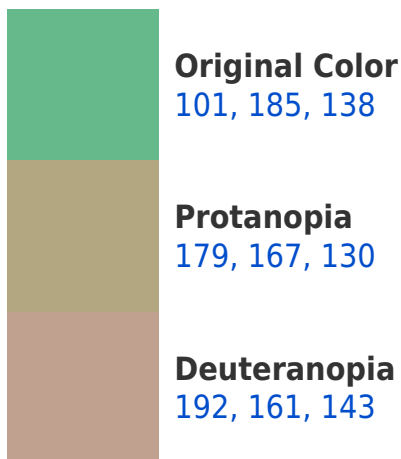


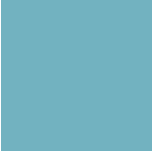
This preview shows how white text looks on a background with the RGB color 101, 185, 138.

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
114, 178, 192

Trichromacy



Original Color

101, 185, 138



Protanomaly

151, 174, 133



Deuteranomaly

159, 170, 141



Tritanomaly

109, 181, 172

Monochromacy



Original Color

101, 185, 138



Achromatopsia

155, 155, 155



Achromatomaly

135, 166, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 185, 138 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(101, 185, 138)` looks like.

```
.text, #text, p{  
    color:rgb(101, 185, 138)  
}
```

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(101, 185, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 185, 138) }
```

Border

The CSS property to change the border of an element to RGB 101, 185, 138 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(101, 185, 138) }
```

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

```
.border{ border-color:rgb(101, 185, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 185, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 185, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 185, 138);  
box-shadow:4px 4px 4px 4px rgb(101, 185,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 101, 185, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 185, 138) }
```

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

```
.background{ background-color: rgb(101,  
185, 138) }
```

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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