

Converting Colors

RGB(117, 185, 141)

Have a look what the booklet for
RGB(117, 185, 141) contains.

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Color

RGB(117, 185, 141)

Conversions

Conversions Part 1

Format	Color
Hex	75B98D
RGB	117, 185, 141
RGB Percent	46%, 73%, 55%
CMY	0.5412, 0.2745, 0.4471
CMYK	0.37, 0.00, 0.24, 0.27
HSL	141°, 33%, 59%
HSV	141°, 37%, 73%
XYZ	29.4928, 40.4029, 31.4434
YIQ	159.6520, -26.4040, -28.1000

Conversions

Conversions Part 2

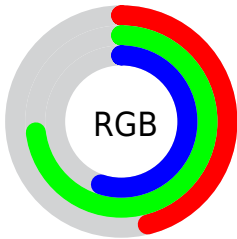
Format	Color
RYB	117, 167, 185
Decimal	7715213
CIELab	69.76, -31.13, 15.66
CIElCh	70, 34.849, 153.300
Yxy	40.4029, 0.2910, 0.3987
Android (android.graphics.Color)	4285905293 (0xFF75B98D)
YUV	159.6520, -9.1954, -37.4058
Hunter-Lab	63.5633, -28.4134, 15.1648

Details

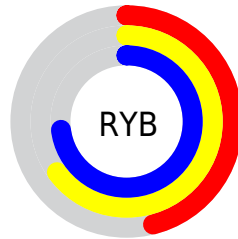
The RGB color **117, 185, 141** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 117, 161**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **171, 241, 195**, and **65, 131, 91** is the 20% darker color. If you saturate the color by 10%, you get **99, 185, 129**, and if you desaturate by 10%, it is **136, 185, 153**.

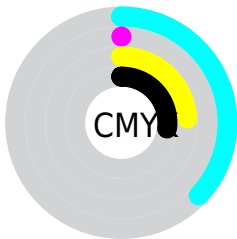
Distribution



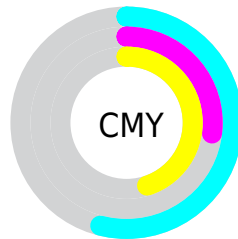
- Red (46%)
- Green (73%)
- Blue (55%)



- Red (46%)
- Yellow (65%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 185, 141 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 117, 185, 141 by changing the saturation by 10% instead.

 117, 185, 141


255, 255, 255

 171, 241, 195

 199, 255, 223

 228, 255, 251

 117, 185, 141

 91, 158, 115

 65, 131, 91

 38, 106, 67


 5, 81, 45


 0, 58, 23


 0, 36, 0


 0, 0, 0

 117, 185, 141


 99, 185, 129


 117, 185, 141

 136, 185, 153


 80, 185, 117

 154, 185, 165


 61, 185, 105


 173, 185, 177

 43, 185, 93


 191, 185, 189

 24, 185, 81

 210, 185, 201

 6, 185, 69

 228, 185, 213

 0, 185, 65

 246, 185, 225

 255, 185, 237

 255, 185, 249

Harmonies

Analogous

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



155, 179, 117



117, 185, 141



78, 188, 173

Triad

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



117, 185, 141



132, 172, 233



231, 150, 137

Complementary

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



117, 185, 141



185, 117, 161

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.



231, 146, 168



117, 185, 141



179, 161, 223

Square

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



117, 185, 141



81, 181, 226



213, 151, 199



215, 159, 115

Rectangle

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



117, 185, 141



57, 187, 194



213, 151, 199



233, 148, 147

Sweetspot

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



117, 185, 141



213, 240, 223



161, 185, 117



104, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



117, 185, 141



134, 240, 171



117, 185, 175



83, 92, 86



0, 156, 55



0, 28, 10

Inverse Universe

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



185, 117, 161



240, 134, 202



185, 117, 127



92, 83, 89



156, 0, 101



28, 0, 18

Previews

White Background



This preview shows how the RGB color 117, 185, 141 looks on a white background.

Color Contrast Check

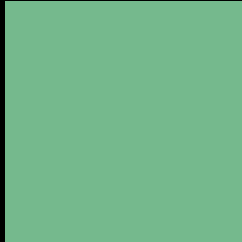
Large Text (above 18pt) WCAG AA × Fail

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 117, 185, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

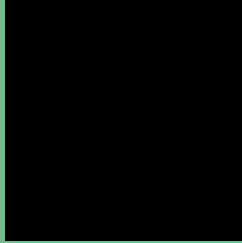
Any Text WCAG AA ✓ Pass

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 117, 185, 141 Background



This preview shows how black text looks on a background with the RGB color 117, 185, 141.

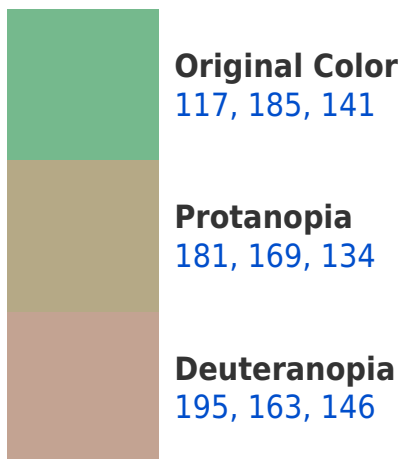


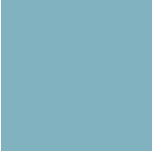
This preview shows how white text looks on a background with the RGB color 117, 185, 141.

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
128, 178, 192

Trichromacy



Original Color
117, 185, 141

Protanomaly
158, 175, 137

Deuteranomaly
167, 171, 144

Tritanomaly
124, 181, 173

Monochromacy



Original Color
117, 185, 141

Achromatopsia
160, 160, 160

Achromatomaly
144, 169, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 185, 141 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(117, 185, 141)` looks like.

```
.text, #text, p{  
    color:rgb(117, 185, 141)  
}
```

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(117, 185, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 185, 141) }
```

Border

The CSS property to change the border of an element to RGB 117, 185, 141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

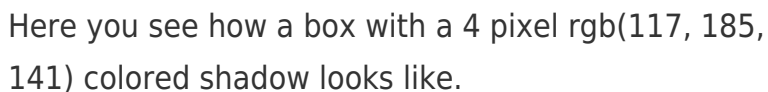
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 185, 141) }
```

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

```
.border{ border-color:rgb(117, 185, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 185, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 185, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 185, 141); box-shadow:4px 4px 4px 4px rgb(117, 185, 141) }
```

Background

The CSS property to change the background color of an element to RGB 117, 185, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 185, 141) }
```

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

```
.background{ background-color: rgb(117,  
185, 141) }
```

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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