

Converting Colors

RGB(115, 187, 133)

Have a look what the booklet for
RGB(115, 187, 133) contains.

RGB(115, 187, 133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(115, 187, 133)

Conversions

Conversions Part 1

Format	Color
Hex	73BB85
RGB	115, 187, 133
RGB Percent	45%, 73%, 52%
CMY	0.5490, 0.2667, 0.4784
CMYK	0.39, 0.00, 0.29, 0.27
HSL	135°, 35%, 59%
HSV	135°, 39%, 73%
XYZ	29.0742, 40.8789, 28.5484
YIQ	159.3160, -25.5780, -32.0580

Conversions

Conversions Part 2

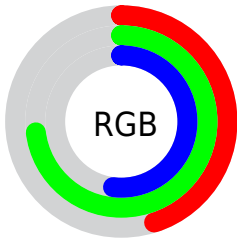
Format	Color
RYB	115, 173, 187
Decimal	7584645
CIELab	70.09, -34.19, 20.42
CIELCh	70, 39.825, 149.145
Yxy	40.8789, 0.2952, 0.4150
Android (android.graphics.Color)	4285774725 (0xFF73BB85)
YUV	159.3160, -12.9738, -38.8651
Hunter-Lab	63.9366, -30.7190, 18.2821

Details

The RGB color **115, 187, 133** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **187, 115, 169**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **169, 244, 186**, and **62, 133, 83** is the 20% darker color. If you saturate the color by 10%, you get **96, 187, 119**, and if you desaturate by 10%, it is **134, 187, 147**.

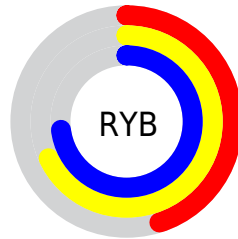
Distribution



Red (45%)

Green (73%)

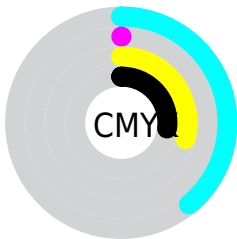
Blue (52%)



Red (45%)

Yellow (68%)

Blue (73%)

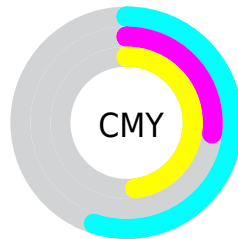


Cyan (39%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (55%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 187, 133 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 115, 187, 133 by changing the saturation by 10% instead.

 115, 187, 133


255, 255, 255


 169, 244, 186

 198, 255, 214

 226, 255, 243

 115, 187, 133

 89, 160, 108

 62, 133, 83

 35, 108, 60

 0, 83, 37

 0, 59, 16


 0, 38, 0

 0, 1, 0


 0, 0, 0

 115, 187, 133

 115, 187, 133


 96, 187, 119

 134, 187, 147


 78, 187, 105


 152, 187, 161

 59, 187, 91


 171, 187, 175

 40, 187, 77


 190, 187, 189

 22, 187, 63

 209, 187, 203

 3, 187, 49

 227, 187, 217

 0, 187, 47

 246, 187, 231

 255, 187, 245

 255, 187, 255

Harmonies

Analogous

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



158, 180, 107



115, 187, 133



62, 190, 169

Triad

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



115, 187, 133



115, 175, 243



240, 146, 138

Complementary

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



115, 187, 133



187, 115, 169

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.



238, 143, 174



115, 187, 133



174, 162, 234

Square

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



115, 187, 133



39, 185, 233



216, 150, 209



224, 156, 110

Rectangle

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



115, 187, 133



0, 190, 194



216, 150, 209



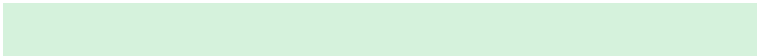
242, 144, 149

Sweetspot

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



115, 187, 133



213, 242, 220



169, 187, 115



105, 122, 110



250, 250, 250



122, 122, 122

Same Dimension

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



115, 187, 133



131, 242, 159



115, 187, 169



85, 94, 87



0, 158, 40



0, 31, 8

Inverse Universe

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



187, 115, 169



242, 131, 214



187, 115, 133



94, 85, 92



158, 0, 119



31, 0, 23

Previews

White Background



This preview shows how the RGB color 115, 187, 133 looks on a white background.

Color Contrast Check

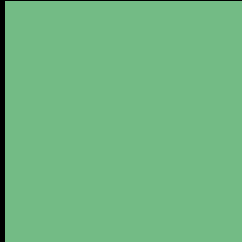
Large Text (above 18pt) WCAG AA × Fail

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 115, 187, 133 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 115, 187, 133 Background



This preview shows how black text looks on a background with the RGB color 115, 187, 133.



This preview shows how white text looks on a background with the RGB color 115, 187, 133.

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](#).

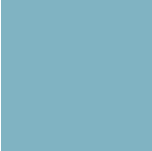
Dichromacy



Original Color
115, 187, 133

Protanopia
183, 170, 126

Deuteranopia
198, 164, 138



Tritanopia
128, 179, 194

Trichromacy



Original Color

115, 187, 133



Protanomaly

158, 176, 129



Deuteranomaly

168, 172, 136



Tritanomaly

123, 182, 172

Monochromacy



Original Color

115, 187, 133



Achromatopsia

159, 159, 159



Achromatomaly

143, 169, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 187, 133 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(115, 187, 133)` looks like.

```
.text, #text, p{  
    color:rgb(115, 187, 133)  
}
```

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(115, 187, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 187, 133) }
```

Border

The CSS property to change the border of an element to RGB 115, 187, 133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

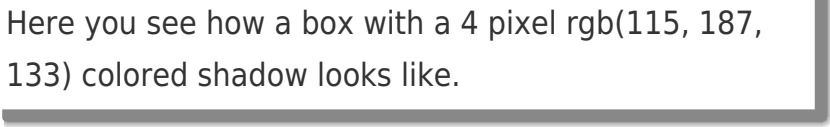
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 187, 133) }
```

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

```
.border{ border-color:rgb(115, 187, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 187, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 187, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 187, 133); box-shadow:4px 4px 4px 4px rgb(115, 187, 133) }
```

Background

The CSS property to change the background color of an element to RGB 115, 187, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 187, 133) }
```

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

```
.background{ background-color: rgb(115,  
187, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor