

Converting Colors

RGB(112, 187, 139)

Have a look what the booklet for
RGB(112, 187, 139) contains.

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Color

RGB(112, 187, 139)

Conversions

Conversions Part 1

Format	Color
Hex	70BB8B
RGB	112, 187, 139
RGB Percent	44%, 73%, 55%
CMY	0.5608, 0.2667, 0.4549
CMYK	0.40, 0.00, 0.26, 0.27
HSL	142°, 36%, 59%
HSV	142°, 40%, 73%
XYZ	29.1126, 40.8495, 30.7764
YIQ	159.1030, -29.2920, -30.8280

Conversions

Conversions Part 2

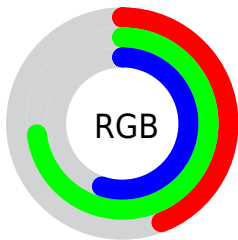
Format	Color
RYB	112, 167, 187
Decimal	7388043
CIELab	70.07, -33.95, 17.14
CIELCh	70, 38.033, 153.210
Yxy	40.8495, 0.2890, 0.4055
Android (android.graphics.Color)	4285578123 (0xFF70BB8B)
YUV	159.1030, -9.9108, -41.3093
Hunter-Lab	63.9136, -30.5421, 16.1895

Details

The RGB color **112, 187, 139** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **187, 112, 160**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **167, 244, 193**, and **59, 133, 89** is the 20% darker color. If you saturate the color by 10%, you get **93, 187, 127**, and if you desaturate by 10%, it is **131, 187, 151**.

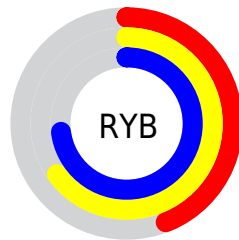
Distribution



Red (44%)

Green (73%)

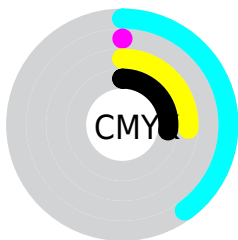
Blue (55%)



Red (44%)

Yellow (65%)

Blue (73%)

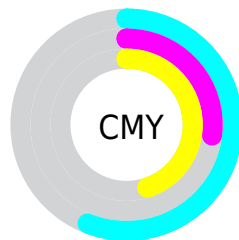


Cyan (40%)

Magenta (0%)

Yellow (26%)

Black (27%)



Cyan (56%)

Magenta (27%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 187, 139 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 112, 187, 139 by changing the saturation by 10% instead.

 112, 187, 139


255, 255, 255


 167, 244, 193

 195, 255, 221


 223, 255, 249


253, 255, 255

 112, 187, 139

 85, 160, 113

 59, 133, 89

 30, 108, 65

 0, 83, 43


 0, 59, 22


 0, 38, 0


 0, 0, 0


 0, 0, 0

 112, 187, 139


 112, 187, 139

 93, 187, 127

 131, 187, 151

 75, 187, 115

 149, 187, 163

 56, 187, 103


 168, 187, 175

 37, 187, 91

 187, 187, 187

 18, 187, 79

 205, 187, 199

 0, 187, 67

 224, 187, 211

 243, 187, 223

 255, 187, 235

 255, 187, 247

Harmonies

Analogous

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



154, 180, 112



112, 187, 139



64, 190, 174

Triad

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



112, 187, 139



127, 173, 240



236, 148, 135

Complementary

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



112, 187, 139



187, 112, 160

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, 144, 169



112, 187, 139



180, 161, 229

Square

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



112, 187, 139



65, 183, 232



218, 149, 203



219, 158, 110

Rectangle

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



112, 187, 139



27, 189, 197



218, 149, 203



239, 146, 146

Sweetspot

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



112, 187, 139



213, 242, 224



161, 187, 112



105, 122, 111



250, 250, 250



122, 122, 122

Same Dimension

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



112, 187, 139



126, 242, 168



112, 187, 176



85, 94, 88



0, 158, 57



0, 31, 11

Inverse Universe

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



187, 112, 160



242, 126, 200



187, 112, 123



94, 85, 91



158, 0, 101



31, 0, 20

Previews

White Background



This preview shows how the RGB color 112, 187, 139 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 112, 187, 139 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 112, 187, 139 Background



This preview shows how black text looks on a background with the RGB color 112, 187, 139.

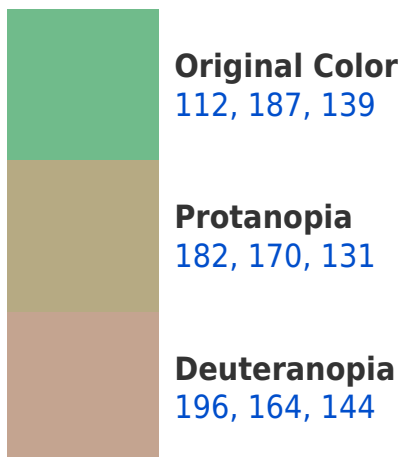


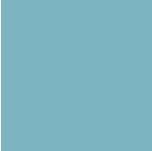
This preview shows how white text looks on a background with the RGB color 112, 187, 139.

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](#).

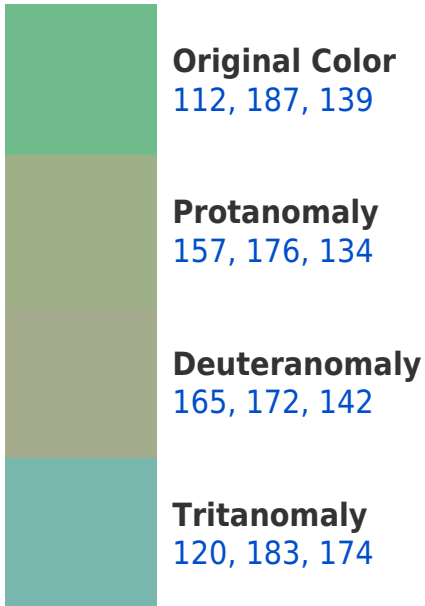
Dichromacy



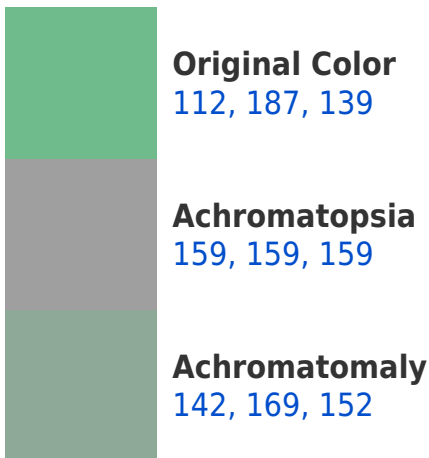


Tritanopia
124, 180, 194

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 187, 139 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(112, 187, 139)` looks like.

```
.text, #text, p{  
    color:rgb(112, 187, 139)  
}
```

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(112, 187, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 187, 139) }
```

Border

The CSS property to change the border of an element to RGB 112, 187, 139 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(112, 187, 139) }
```

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

```
.border{ border-color:rgb(112, 187, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 187, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 187, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 187, 139);  
box-shadow:4px 4px 4px 4px rgb(112, 187,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 112, 187, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 187, 139) }
```

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

```
.background{ background-color: rgb(112,  
187, 139) }
```

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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