

Converting Colors

RGB(112, 180, 139)

Have a look what the booklet for
RGB(112, 180, 139) contains.

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Color

RGB(112, 180, 139)

Conversions

Conversions Part 1

Format	Color
Hex	70B48B
RGB	112, 180, 139
RGB Percent	44%, 71%, 55%
CMY	0.5608, 0.2941, 0.4549
CMYK	0.38, 0.00, 0.23, 0.29
HSL	144°, 31%, 57%
HSV	144°, 38%, 71%
XYZ	27.6636, 37.9513, 30.2934
YIQ	154.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

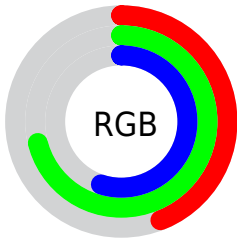
Format	Color
RYB	112, 161, 180
Decimal	7386251
CIELab	67.98, -30.65, 14.24
CIELCh	68, 33.794, 155.085
Yxy	37.9513, 0.2884, 0.3957
Android (android.graphics.Color)	4285576331 (0xFF70B48B)
YUV	154.9940, -7.8850, -37.7057
Hunter-Lab	61.6047, -27.6528, 13.9681

Details

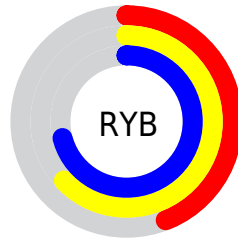
The RGB color **112, 180, 139** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **180, 112, 153**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **166, 236, 193**, and **60, 127, 89** is the 20% darker color. If you saturate the color by 10%, you get **94, 180, 128**, and if you desaturate by 10%, it is **130, 180, 150**.

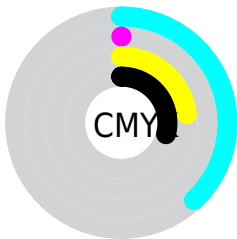
Distribution



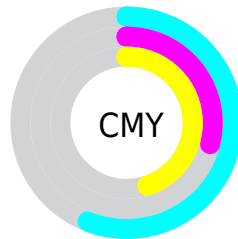
- Red (44%)
- Green (71%)
- Blue (55%)



- Red (44%)
- Yellow (63%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 180, 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, 180, 139 by changing the saturation by 10% instead.

 112, 180, 139


255, 255, 255


 166, 236, 193


 194, 255, 220


 223, 255, 249

 252, 255, 255

 112, 180, 139

 86, 153, 113

 60, 127, 89

 33, 101, 65


 0, 77, 43

 0, 53, 22

 0, 34, 0


 0, 0, 0

 112, 180, 139


 94, 180, 128

 112, 180, 139


 130, 180, 150

 76, 180, 117


 148, 180, 161


 58, 180, 106


 166, 180, 172


 40, 180, 96


 184, 180, 182

 22, 180, 85

 202, 180, 193

 4, 180, 74

 220, 180, 204

 0, 180, 71

 238, 180, 215

 255, 180, 226

 255, 180, 237

Harmonies

Analogous

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



148, 174, 115



112, 180, 139



75, 182, 170

Triad

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



112, 180, 139



132, 167, 226



223, 146, 132

Complementary

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



112, 180, 139



180, 112, 153

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.



225, 142, 162



112, 180, 139



176, 156, 216

Square

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



112, 180, 139



83, 176, 220



209, 146, 192



208, 155, 111

Rectangle

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



112, 180, 139



56, 182, 190



209, 146, 192



226, 144, 141

Sweetspot

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



112, 180, 139



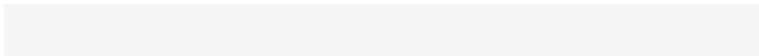
209, 235, 219



154, 180, 112



102, 117, 108



245, 245, 245



117, 117, 117

Same Dimension

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



112, 180, 139



129, 235, 171



112, 180, 172



80, 89, 84



0, 153, 61



0, 26, 10

Inverse Universe

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



180, 112, 153



235, 129, 193



180, 112, 120



89, 80, 86



153, 0, 92



26, 0, 15

Previews

White Background



This preview shows how the RGB color 112, 180, 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, 180, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

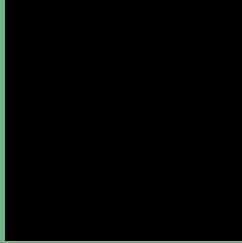
Any Text WCAG AA ✓ Pass

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, 180, 139 Background



This preview shows how black text looks on a background with the RGB color 112, 180, 139.

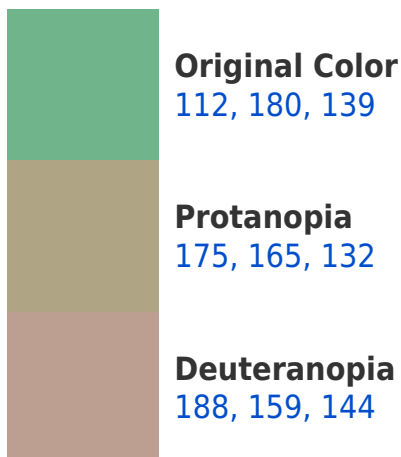


This preview shows how white text looks on a background with the RGB color 112, 180, 139.

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
123, 174, 187

Trichromacy



Original Color

112, 180, 139



Protanomaly

152, 170, 135



Deuteranomaly

160, 167, 142



Tritanomaly

119, 176, 170

Monochromacy



Original Color

112, 180, 139



Achromatopsia

155, 155, 155



Achromatomaly

139, 164, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 180, 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, 180, 139)` looks like.

```
.text, #text, p{  
    color:rgb(112, 180, 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, 180, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 180, 139) }
```

Border

The CSS property to change the border of an element to RGB 112, 180, 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, 180, 139) }
```

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

```
.border{ border-color:rgb(112, 180, 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, 180, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 180, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 180, 139);  
box-shadow:4px 4px 4px 4px rgb(112, 180,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 112, 180, 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, 180, 139) }
```

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

```
.background{ background-color: rgb(112,  
180, 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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