

Converting Colors

RGB(112, 192, 140)

Have a look what the booklet for
RGB(112, 192, 140) contains.

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Color

RGB(112, 192, 140)

Conversions

Conversions Part 1

Format	Color
Hex	70C08C
RGB	112, 192, 140
RGB Percent	44%, 75%, 55%
CMY	0.5608, 0.2471, 0.4510
CMYK	0.42, 0.00, 0.27, 0.25
HSL	141°, 39%, 60%
HSV	141°, 42%, 75%
XYZ	30.2654, 43.0375, 31.5229
YIQ	162.1520, -30.9880, -33.1320

Conversions

Conversions Part 2

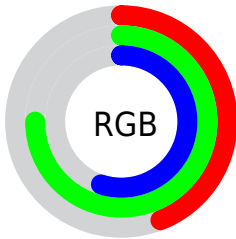
Format	Color
RYB	112, 171, 192
Decimal	7389324
CIELab	71.58, -36.07, 18.69
CIELCh	72, 40.625, 152.604
Yxy	43.0375, 0.2887, 0.4106
Android (android.graphics.Color)	4285579404 (0xFF70C08C)
YUV	162.1520, -10.9209, -43.9833
Hunter-Lab	65.6029, -32.4557, 17.4326

Details

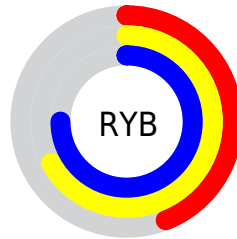
The RGB color **112, 192, 140** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **192, 112, 164**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **167, 249, 194**, and **58, 138, 90** is the 20% darker color. If you saturate the color by 10%, you get **93, 192, 128**, and if you desaturate by 10%, it is **131, 192, 152**.

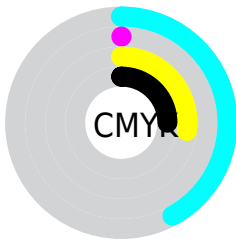
Distribution



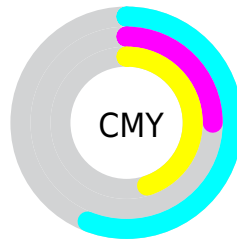
- Red (44%)
- Green (75%)
- Blue (55%)



- Red (44%)
- Yellow (67%)
- Blue (75%)



- Cyan (42%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)




- Cyan (56%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 192, 140 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, 192, 140 by changing the saturation by 10% instead.

 112, 192, 140


255, 255, 255


 167, 249, 194


 195, 255, 222

 224, 255, 250


253, 255, 255


 112, 192, 140

 112, 192, 140

 85, 165, 114

 58, 138, 90

 28, 112, 66


 0, 87, 43


 0, 63, 22


 0, 41, 0


 0, 11, 0


 0, 0, 0


 112, 192, 140


 93, 192, 128

 131, 192, 152

 74, 192, 115

 150, 192, 165

 54, 192, 103


 170, 192, 177

 35, 192, 90

 189, 192, 190

 16, 192, 78

 208, 192, 202

 0, 192, 67

 227, 192, 215

 246, 192, 227

 255, 192, 240

 255, 192, 252

Harmonies

Analogous

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



157, 185, 111



112, 192, 140



55, 195, 177

Triad

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



112, 192, 140



125, 178, 249



245, 150, 137

Complementary

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



112, 192, 140



192, 112, 164

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.



245, 146, 173



112, 192, 140



184, 165, 238

Square

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



112, 192, 140



50, 188, 240



225, 152, 210



227, 161, 110

Rectangle

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



112, 192, 140



0, 195, 203



225, 152, 210



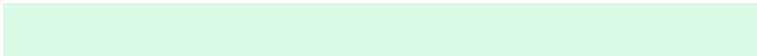
247, 148, 149

Sweetspot

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



112, 192, 140



217, 250, 229



164, 192, 112



105, 125, 112



252, 252, 252



125, 125, 125

Same Dimension

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



112, 192, 140



125, 250, 169



112, 192, 180



87, 97, 91



0, 161, 56



0, 33, 12

Inverse Universe

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



192, 112, 164



250, 125, 206



192, 112, 124



97, 87, 94



161, 0, 104



33, 0, 22

Previews

White Background



This preview shows how the RGB color 112, 192, 140 looks on a white background.

Color Contrast Check

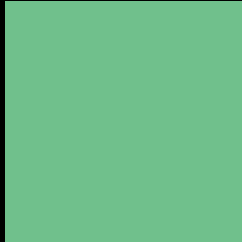
Large Text (above 18pt) WCAG AA × Fail

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, 192, 140 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, 192, 140 Background



This preview shows how black text looks on a background with the RGB color 112, 192, 140.

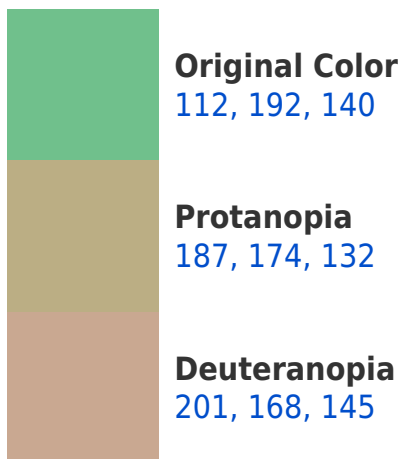


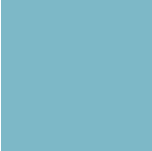
This preview shows how white text looks on a background with the RGB color 112, 192, 140.

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
125, 184, 199

Trichromacy



Original Color

112, 192, 140



Protanomaly

160, 181, 135



Deuteranomaly

169, 177, 143



Tritanomaly

120, 187, 178

Monochromacy



Original Color

112, 192, 140



Achromatopsia

162, 162, 162



Achromatomaly

144, 173, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 192, 140 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, 192, 140)` looks like.

```
.text, #text, p{  
    color:rgb(112, 192, 140)  
}
```

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, 192, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 192, 140) }
```

Border

The CSS property to change the border of an element to RGB 112, 192, 140 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, 192, 140) }
```

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

```
.border{ border-color:rgb(112, 192, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 192, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 192, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 192, 140);  
box-shadow:4px 4px 4px 4px rgb(112, 192,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 112, 192, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 192, 140) }
```

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

```
.background{ background-color: rgb(112,  
192, 140) }
```

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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