Converting Colors

RGB(112, 190, 128)

Have a look what the booklet for RGB(112, 190, 128) contains.

RGB(112, 190, 128) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(112, 190, 128)

Conversions

Conversions Part 1

Format	Color
Hex	70BE80
RGB	112, 190, 128
RGB Percent	44%, 75%, 50%
CMY	0.5608, 0.2549, 0.4980
CMYK	0.41, 0.00, 0.33, 0.25
HSL	132°, 38%, 59%
HSV	132°, 41%, 75%
XYZ	28.9918, 41.8302, 26.9681
YIQ	159.6100, -26.5860, -35.8180

Conversions

Conversions Part 2

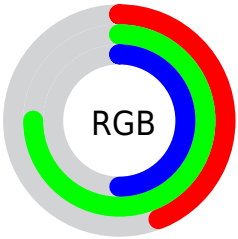
Format	Color
RYB	112, 177, 190
Decimal	7388800
CIELab	70.75, -37.36, 23.97
CIELCh	71, 44.393, 147.313
Yxy	41.8302, 0.2965, 0.4278
Android (android.graphics.Color)	4285578880 (0xFF70BE80)
YUV	159.6100, -15.5837, -41.7540
Hunter-Lab	64.6762, -33.1689, 20.5512

Details

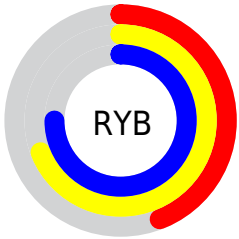
The RGB color 112, 190, 128 is a dark color, and the websafe version is hex 66CC99. A complement of this color would be 190, 112, 174, and the grayscale version is 160, 160, 160.

A 20% lighter version of the original color is 167, 247, 181, and 58, 136, 78 is the 20% darker color. If you saturate the color by 10%, you get 93, 190, 113, and if you desaturate by 10%, it is 131, 190, 143.

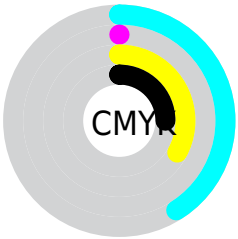
Distribution



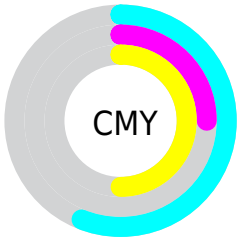
- Red (44%)
- Green (75%)
- Blue (50%)



- Red (44%)
- Yellow (69%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)



- Cyan (56%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 190, 128 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, 190, 128 by changing the saturation by 10% instead.

112, 190, 128	112, 190, 128
255, 255, 255	85, 163, 103
167, 247, 181	58, 136, 78
195, 255, 209	29, 110, 55
224, 255, 237	0, 85, 32
253, 255, 255	0, 61, 10
	0, 40, 0
	0, 5, 0
	0, 0, 0

112, 190, 128	112, 190, 128

93, 190, 113

74, 190, 98

55, 190, 83

36, 190, 68

17, 190, 52

0, 190, 39

131, 190, 143

150, 190, 158

169, 190, 173

188, 190, 188

207, 190, 204

226, 190, 219

245, 190, 234

255, 190, 249

255, 190, 255

Harmonies

Analogous

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

161, 182, 99

112, 190, 128

40, 194, 168

Triad

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

112, 190, 128

101, 178, 253

249, 143, 138

Complementary

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

112, 190, 128

190, 112, 174

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.

246, 141, 178

112, 190, 128

171, 164, 245

Square

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

112, 190, 128

0, 188, 240

220, 149, 217

233, 155, 106

Rectangle

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

112, 190, 128

0, 194, 196

220, 149, 217

251, 141, 151

Sweetspot

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

112, 190, 128

218, 247, 224

174, 190, 112

107, 125, 111

252, 252, 252

125, 125, 125

Same Dimension

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

112, 190, 128

126, 247, 151

112, 190, 167

85, 94, 87

0, 158, 32

0, 31, 6

Inverse Universe

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

190, 112, 174

247, 126, 222

190, 112, 135

94, 85, 92

158, 0, 126

31, 0, 24

Previews

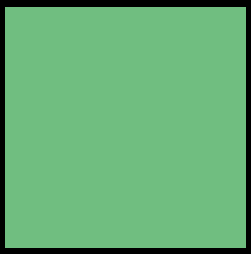
White Background

This preview shows how the RGB color 112, 190, 128 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, 190, 128 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, 190, 128 Background

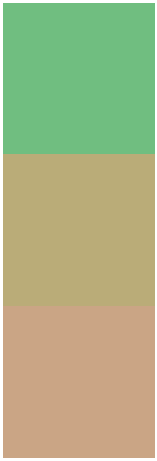
This preview shows how black text looks on a background with the RGB color 112, 190, 128.

This preview shows how white text looks on a background with the RGB color 112, 190, 128.

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
112, 190, 128

Protanopia
186, 172, 120

Deuteranopia
202, 165, 133

Tritanopia
127, 181, 196

Trichromacy

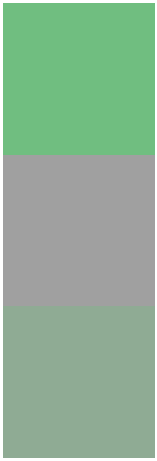
Original Color
112, 190, 128

Protanomaly
159, 179, 123

Deuteranomaly
169, 174, 131

Tritanomaly
122, 184, 171

Monochromacy



Original Color
112, 190, 128

Achromatopsia
160, 160, 160

Achromatomaly
143, 171, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 190, 128 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, 190, 128) looks like.

```
.text, #text, p{
    color:rgb(112, 190, 128)
}
```

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, 190, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 190, 128) }
```

Border

The CSS property to change the border of an element to RGB 112, 190, 128 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, 190, 128) }
```

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

```
.border{ border-color:rgb(112, 190, 128) }
```

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

Here you see how a box with a 4 pixel rgb(112, 190, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 190, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 190, 128); box-shadow:4px 4px 4px 4px rgb(112, 190, 128) }
```

Background

The CSS property to change the background color of an element to RGB 112, 190, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(112, 190, 128) }
```

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

```
.background{ background-color:rgb(112,
190, 128) }
```

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