

Converting Colors

RGB(110, 176, 128)

Have a look what the booklet for
RGB(110, 176, 128) contains.

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Color

RGB(110, 176, 128)

Conversions

Conversions Part 1

Format	Color
Hex	6EB080
RGB	110, 176, 128
RGB Percent	43%, 69%, 50%
CMY	0.5686, 0.3098, 0.4980
CMYK	0.37, 0.00, 0.27, 0.31
HSL	136°, 29%, 56%
HSV	136°, 37%, 69%
XYZ	25.8520, 35.9242, 25.9936
YIQ	150.7940, -23.9280, -28.9200

Conversions

Conversions Part 2

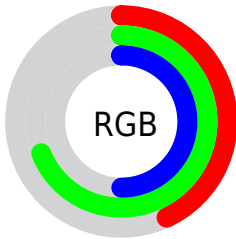
Format	Color
RYB	110, 162, 176
Decimal	7254144
CIELab	66.46, -31.48, 18.11
CIELCh	66, 36.317, 150.095
Yxy	35.9242, 0.2945, 0.4093
Android (android.graphics.Color)	4285444224 (0xFF6EB080)
YUV	150.7940, -11.2374, -35.7763
Hunter-Lab	59.9368, -27.8985, 16.2427

Details

The RGB color **110, 176, 128** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **176, 110, 158**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **164, 232, 181**, and **58, 123, 79** is the 20% darker color. If you saturate the color by 10%, you get **92, 176, 115**, and if you desaturate by 10%, it is **128, 176, 141**.

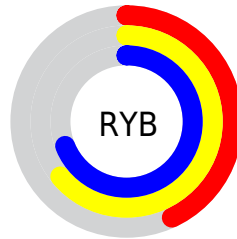
Distribution



Red (43%)

Green (69%)

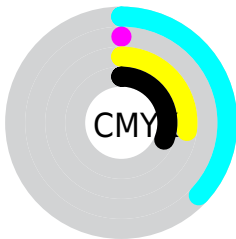
Blue (50%)



Red (43%)

Yellow (64%)

Blue (69%)

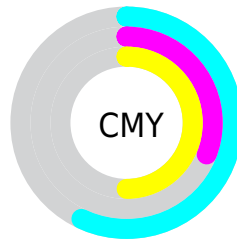


Cyan (37%)

Magenta (0%)

Yellow (27%)

Black (31%)



Cyan (57%)


Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 110, 176, 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 110, 176, 128 by changing the saturation by 10% instead.

 110, 176, 128


255, 255, 255


 164, 232, 181

 192, 255, 209

 220, 255, 237

 249, 255, 255

 110, 176, 128

 84, 149, 103

 58, 123, 79

 31, 98, 55


 0, 73, 33


 0, 50, 12


 0, 31, 0


 0, 0, 0

 110, 176, 128

 92, 176, 115


 110, 176, 128


 128, 176, 141


 75, 176, 102

 145, 176, 154


 57, 176, 90


 163, 176, 166


 40, 176, 77


 180, 176, 179

 22, 176, 64


 198, 176, 192

 4, 176, 51

 216, 176, 205

 0, 176, 48

 233, 176, 218

 251, 176, 230

 255, 176, 243

Harmonies

Analogous

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



149, 169, 104



110, 176, 128



65, 179, 161

Triad

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



110, 176, 128



114, 165, 226



224, 139, 131

Complementary

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



110, 176, 128



176, 110, 158

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.



223, 136, 163



110, 176, 128



165, 153, 218

Square

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



110, 176, 128



55, 174, 217



203, 142, 195



209, 148, 106

Rectangle

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



110, 176, 128



32, 179, 183



203, 142, 195



225, 137, 141

Sweetspot

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



110, 176, 128



204, 230, 211



158, 176, 110



100, 115, 104



242, 242, 242



115, 115, 115

Same Dimension

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



110, 176, 128



126, 230, 154



110, 176, 161



80, 89, 83



0, 153, 42



0, 26, 7

Inverse Universe

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



176, 110, 158



230, 126, 201



176, 110, 125



89, 80, 87



153, 0, 111



26, 0, 19

Previews

White Background



This preview shows how the RGB color 110, 176, 128 looks on a white background.

Color Contrast Check

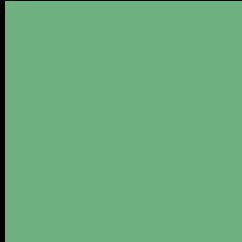
Large Text (above 18pt) WCAG AA × Fail

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 110, 176, 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 110, 176, 128 Background



This preview shows how black text looks on a background with the RGB color 110, 176, 128.



This preview shows how white text looks on a background with the RGB color 110, 176, 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
110, 176, 128

Protanopia
172, 161, 121

Deuteranopia
186, 155, 133



Tritanopia
121, 169, 182

Trichromacy



Original Color
110, 176, 128

Protanomaly
149, 166, 124

Deuteranomaly
158, 163, 131

Tritanomaly
117, 172, 162

Monochromacy



Original Color
110, 176, 128

Achromatopsia
151, 151, 151

Achromatomaly
136, 160, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 176, 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(110, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(110, 176, 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(110, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 176, 128) }
```

Border

The CSS property to change the border of an element to RGB 110, 176, 128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

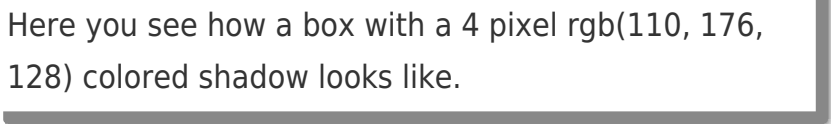
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 176, 128) }
```

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

```
.border{ border-color:rgb(110, 176, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 176, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 176, 128);  
box-shadow:4px 4px 4px 4px rgb(110, 176,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 110, 176, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 176, 128) }
```

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

```
.background{ background-color: rgb(110,  
176, 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](#).

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