

Converting Colors

RGB(106, 184, 154)

Have a look what the booklet for
RGB(106, 184, 154) contains.

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Color

RGB(106, 184, 154)

Conversions

Conversions Part 1

Format	Color
Hex	6AB89A
RGB	106, 184, 154
RGB Percent	42%, 72%, 60%
CMY	0.5843, 0.2784, 0.3961
CMYK	0.42, 0.00, 0.16, 0.28
HSL	157°, 35%, 57%
HSV	157°, 42%, 72%
XYZ	28.9171, 39.6782, 36.7064
YIQ	157.2580, -36.8580, -25.8660

Conversions

Conversions Part 2

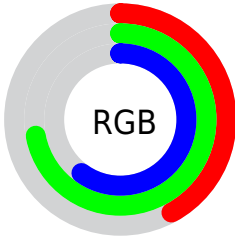
Format	Color
RYB	106, 154, 184
Decimal	6994074
CIELab	69.24, -31.13, 7.77
CIElCh	69, 32.082, 165.984
Yxy	39.6782, 0.2746, 0.3768
Android (android.graphics.Color)	4285184154 (0xFF6AB89A)
YUV	157.2580, -1.6062, -44.9533
Hunter-Lab	62.9907, -28.2898, 9.5435

Details

The RGB color **106, 184, 154** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **184, 106, 136**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **161, 240, 208**, and **52, 130, 103** is the 20% darker color. If you saturate the color by 10%, you get **88, 184, 147**, and if you desaturate by 10%, it is **124, 184, 161**.

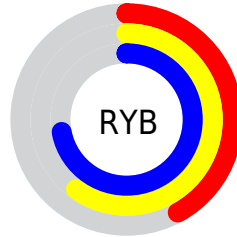
Distribution



Red (42%)

Green (72%)

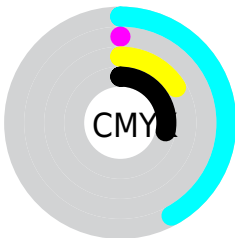
Blue (60%)



Red (42%)

Yellow (60%)

Blue (72%)

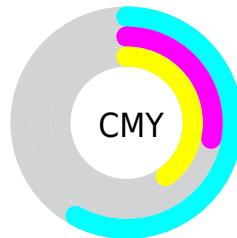


Cyan (42%)

Magenta (0%)

Yellow (16%)

Black (28%)



Cyan (58%)

Magenta (28%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 184, 154 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 106, 184, 154 by changing the saturation by 10% instead.

 106, 184, 154

255, 255, 255


 161, 240, 208

 189, 255, 237


 217, 255, 255


 247, 255, 255


 106, 184, 154


 88, 184, 147

 106, 184, 154


 79, 157, 128

 52, 130, 103


 20, 105, 79


 0, 80, 56


 0, 57, 35

 0, 36, 13


 0, 0, 0


 106, 184, 154


 124, 184, 161


 69, 184, 140


 143, 184, 168


 51, 184, 133

 161, 184, 175

 32, 184, 126

 180, 184, 182


 14, 184, 119

 198, 184, 189

 0, 184, 113

 216, 184, 196

 235, 184, 204

 253, 184, 211

 255, 184, 218

Harmonies

Analogous

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



141, 180, 128



106, 184, 154



76, 185, 184

Triad

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



106, 184, 154



154, 166, 225



220, 153, 129

Complementary

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



106, 184, 154



184, 106, 136

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.



227, 147, 154



106, 184, 154



192, 156, 210

Square

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



106, 184, 154



109, 176, 225



218, 149, 184



201, 163, 113

Rectangle

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



106, 184, 154



70, 184, 202



218, 149, 184



224, 151, 136

Sweetspot

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



106, 184, 154



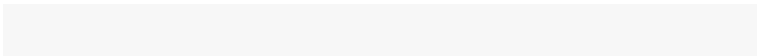
209, 240, 228



137, 184, 106



101, 120, 112



247, 247, 247



120, 120, 120

Same Dimension

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



106, 184, 154



117, 240, 193



106, 176, 184



83, 92, 88



0, 156, 96



0, 28, 17

Inverse Universe

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



184, 106, 136



240, 117, 164



184, 114, 106



92, 83, 86



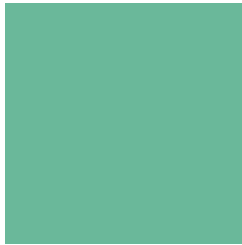
156, 0, 60



28, 0, 11

Previews

White Background



This preview shows how the RGB color 106, 184, 154 looks on a white background.

Color Contrast Check

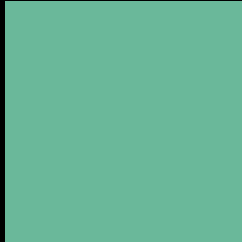
Large Text (above 18pt) WCAG AA × Fail

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 106, 184, 154 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 106, 184, 154 Background



This preview shows how black text looks on a background with the RGB color 106, 184, 154.

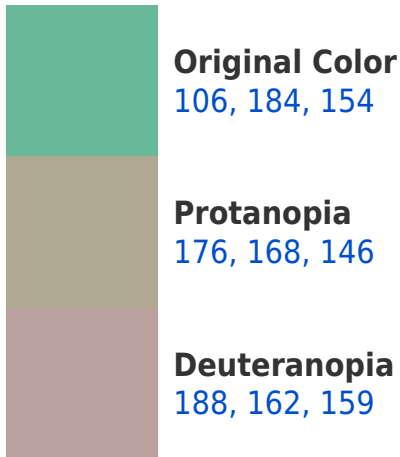


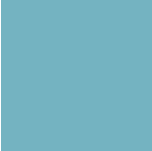
This preview shows how white text looks on a background with the RGB color 106, 184, 154.

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
116, 179, 193

Trichromacy



Original Color

106, 184, 154



Protanomaly

151, 174, 149



Deuteranomaly

158, 170, 157



Tritanomaly

112, 181, 179

Monochromacy



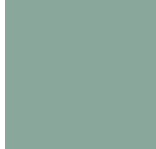
Original Color

106, 184, 154



Achromatopsia

157, 157, 157



Achromatomaly

138, 167, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 184, 154 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(106, 184, 154)` looks like.

```
.text, #text, p{  
    color:rgb(106, 184, 154)  
}
```

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(106, 184, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 184, 154) }
```

Border

The CSS property to change the border of an element to RGB 106, 184, 154 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(106, 184, 154) }
```

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

```
.border{ border-color:rgb(106, 184, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 184, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 184, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 184, 154);  
box-shadow:4px 4px 4px 4px rgb(106, 184,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 106, 184, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 184, 154) }
```

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

```
.background{ background-color: rgb(106,  
184, 154) }
```

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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