

Converting Colors

RGB(106, 181, 155)

Have a look what the booklet for
RGB(106, 181, 155) contains.

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Color

RGB(106, 181, 155)

Conversions

Conversions Part 1

Format	Color
Hex	6AB59B
RGB	106, 181, 155
RGB Percent	42%, 71%, 61%
CMY	0.5843, 0.2902, 0.3922
CMYK	0.41, 0.00, 0.14, 0.29
HSL	159°, 34%, 56%
HSV	159°, 41%, 71%
XYZ	28.3841, 38.4785, 36.9414
YIQ	155.6110, -36.3540, -23.9860

Conversions

Conversions Part 2

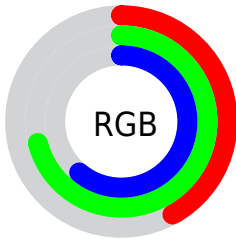
Format	Color
RYB	106, 151, 181
Decimal	6993307
CIELab	68.37, -29.46, 5.98
CIElCh	68, 30.065, 168.533
Yxy	38.4785, 0.2734, 0.3707
Android (android.graphics.Color)	4285183387 (0xFF6AB59B)
YUV	155.6110, -0.3012, -43.5088
Hunter-Lab	62.0310, -26.8763, 8.1126

Details

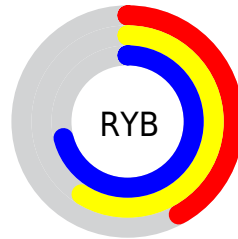
The RGB color **106, 181, 155** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **181, 106, 132**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **160, 237, 209**, and **52, 128, 104** is the 20% darker color. If you saturate the color by 10%, you get **88, 181, 149**, and if you desaturate by 10%, it is **124, 181, 161**.

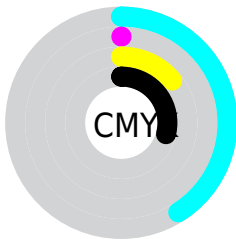
Distribution



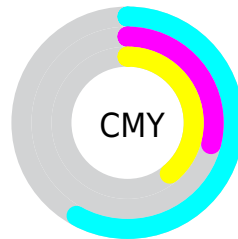
- Red (42%)
- Green (71%)
- Blue (61%)



- Red (42%)
- Yellow (59%)
- Blue (71%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 181, 155 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, 181, 155 by changing the saturation by 10% instead.

 106, 181, 155

255, 255, 255


 160, 237, 209


 189, 255, 238

 217, 255, 255

 246, 255, 255

 106, 181, 155

 79, 154, 129

 52, 128, 104

 22, 102, 80


 0, 78, 57

 0, 54, 35


 0, 34, 14


 0, 0, 0

 106, 181, 155


 88, 181, 149


 106, 181, 155


 124, 181, 161

 70, 181, 142


 142, 181, 168

 52, 181, 136

 160, 181, 174


 34, 181, 130

 178, 181, 180


 15, 181, 124

 197, 181, 186

 0, 181, 118

 215, 181, 193

 233, 181, 199

 251, 181, 205

 255, 181, 211

Harmonies

Analogous

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



138, 177, 130



106, 181, 155



82, 182, 183

Triad

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



106, 181, 155



156, 163, 218



214, 153, 127

Complementary

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



106, 181, 155



181, 106, 132

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.



221, 147, 151



106, 181, 155



191, 154, 203

Square

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



106, 181, 155



115, 172, 219



214, 147, 178



195, 161, 114

Rectangle

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



106, 181, 155



79, 180, 200



214, 147, 178



218, 150, 134

Sweetspot

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



106, 181, 155



206, 235, 225



132, 181, 106



101, 117, 112



245, 245, 245



117, 117, 117

Same Dimension

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



106, 181, 155



117, 235, 194



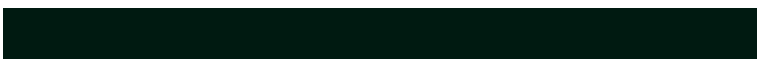
106, 170, 181



80, 89, 86



0, 153, 100



0, 26, 17

Inverse Universe

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



181, 106, 132



235, 117, 158



181, 117, 106



89, 80, 83



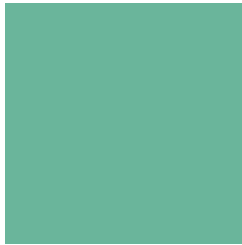
153, 0, 53



26, 0, 9

Previews

White Background



This preview shows how the RGB color 106, 181, 155 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, 181, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

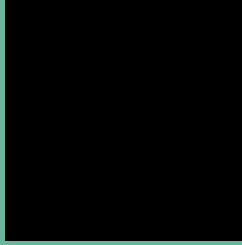
Any Text WCAG AA ✓ Pass

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, 181, 155 Background



This preview shows how black text looks on a background with the RGB color 106, 181, 155.

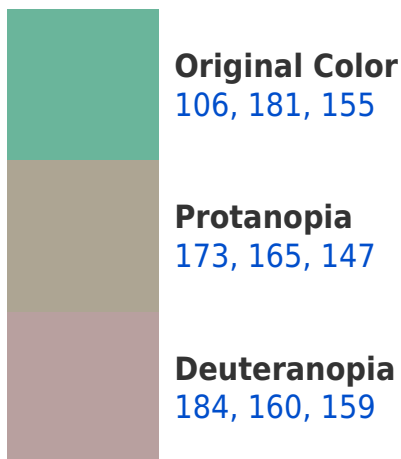


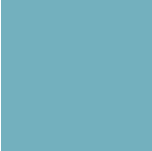
This preview shows how white text looks on a background with the RGB color 106, 181, 155.

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
115, 176, 190

Trichromacy



Original Color

106, 181, 155



Protanomaly

149, 171, 150



Deuteranomaly

156, 168, 158



Tritanomaly

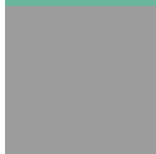
112, 178, 177

Monochromacy



Original Color

106, 181, 155



Achromatopsia

156, 156, 156



Achromatomaly

138, 165, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 181, 155 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, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(106, 181, 155)  
}
```

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, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 181, 155) }
```

Border

The CSS property to change the border of an element to RGB 106, 181, 155 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, 181, 155) }
```

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

```
.border{ border-color:rgb(106, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(106, 181,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 106, 181, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 181, 155) }
```

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

```
.background{ background-color: rgb(106,  
181, 155) }
```

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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