

Converting Colors

RGB(86, 160, 181)

Have a look what the booklet for
RGB(86, 160, 181) contains.

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Color

RGB(86, 160, 181)

Conversions

Conversions Part 1

Format	Color
Hex	56A0B5
RGB	86, 160, 181
RGB Percent	34%, 63%, 71%
CMY	0.6627, 0.3725, 0.2902
CMYK	0.52, 0.12, 0.00, 0.29
HSL	193°, 39%, 52%
HSV	193°, 52%, 71%
XYZ	24.7490, 30.4562, 48.2903
YIQ	140.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

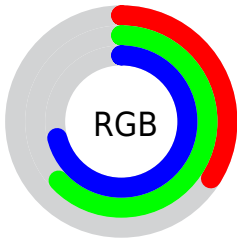
Format	Color
RYB	86, 128, 181
Decimal	5677237
CIELab	62.05, -17.12, -17.96
CIELCh	62, 24.813, 226.369
Yxy	30.4562, 0.2391, 0.2943
Android (android.graphics.Color)	4283867317 (0xFF56A0B5)
YUV	140.2680, 20.0809, -47.5930
Hunter-Lab	55.1872, -16.5281, -13.2494

Details

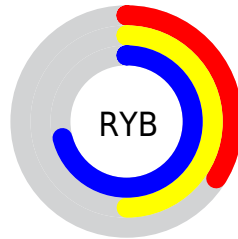
The RGB color **86, 160, 181** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **181, 107, 86**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **142, 215, 237**, and **22, 108, 128** is the 20% darker color. If you saturate the color by 10%, you get **68, 156, 181**, and if you desaturate by 10%, it is **104, 164, 181**.

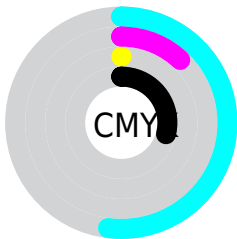
Distribution



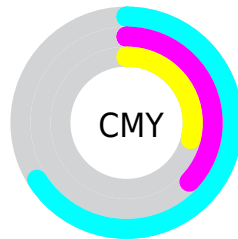
- Red (34%)
- Green (63%)
- Blue (71%)



- Red (34%)
- Yellow (50%)
- Blue (71%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)




- Cyan (66%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 160, 181 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 86, 160, 181 by changing the saturation by 10% instead.

 86, 160, 181


255, 255, 255


 142, 215, 237


 170, 243, 255

 199, 255, 255

 228, 255, 255

 86, 160, 181


 57, 134, 154

 22, 108, 128

 0, 84, 103


 0, 61, 79


 0, 39, 56

 0, 15, 35

 0, 0, 10

 0, 0, 0

 86, 160, 181

 86, 160, 181

■ 68, 156, 181

■ 104, 164, 181

■ 50, 152, 181

■ 122, 168, 181

■ 32, 148, 181

■ 140, 172, 181

■ 14, 144, 181

■ 158, 176, 181

■ 0, 141, 181

■ 177, 180, 181

■ 195, 184, 181

■ 213, 188, 181

■ 231, 192, 181

■ 249, 196, 181

Harmonies

Analogous

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



86, 162, 162



86, 160, 181



108, 155, 192

Triad

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



86, 160, 181



187, 135, 161



153, 152, 107

Complementary

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



86, 160, 181



181, 107, 86

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.



175, 145, 108



86, 160, 181



195, 134, 139

Square

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



86, 160, 181



168, 140, 180



190, 138, 119



128, 158, 119

Rectangle

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



86, 160, 181



129, 150, 193



190, 138, 119



161, 150, 106

Sweetspot

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



86, 160, 181



197, 226, 235



86, 181, 107



95, 112, 117



245, 245, 245



117, 117, 117

Same Dimension

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



86, 160, 181



87, 202, 235



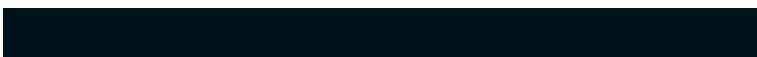
86, 113, 181



80, 87, 89



0, 119, 153



0, 20, 26

Inverse Universe

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



181, 86, 160



235, 87, 202



181, 154, 86



89, 80, 87



153, 0, 119



26, 0, 20

Previews

White Background



This preview shows how the RGB color 86, 160, 181 looks on a white background.

Color Contrast Check

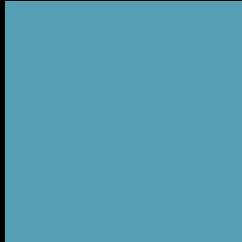
Large Text (above 18pt) WCAG AA × Fail

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 86, 160, 181 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 86, 160, 181 Background



This preview shows how black text looks on a background with the RGB color 86, 160, 181.

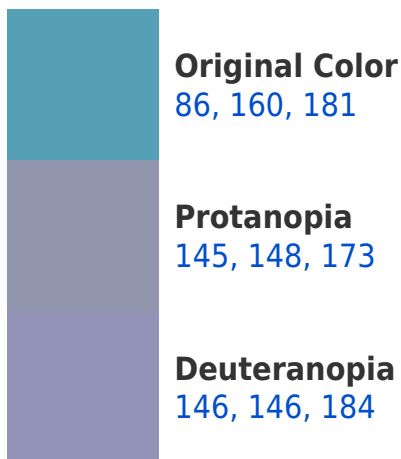



This preview shows how white text looks on a background with the RGB color 86, 160, 181.

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
84, 161, 174

Trichromacy



Original Color
86, 160, 181

Protanomaly
124, 152, 176

Deuteranomaly
124, 151, 183

Tritanomaly
85, 161, 177

Monochromacy



Original Color
86, 160, 181

Achromatopsia
140, 140, 140

Achromatomaly
120, 147, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 160, 181 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(86, 160, 181)` looks like.

```
.text, #text, p{  
    color:rgb(86, 160, 181)  
}
```

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(86, 160, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 160, 181) }
```

Border

The CSS property to change the border of an element to RGB 86, 160, 181 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(86, 160, 181) }
```

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

```
.border{ border-color:rgb(86, 160, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 160, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 160, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 160, 181);  
box-shadow:4px 4px 4px 4px rgb(86, 160,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 86, 160, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 160, 181) }
```

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

```
.background{ background-color: rgb(86, 160,  
181) }
```

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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