

Converting Colors

RGB(96, 156, 165)

Have a look what the booklet for
RGB(96, 156, 165) contains.

RGB(96, 156, 165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(96, 156, 165)

Conversions

Conversions Part 1

Format	Color
Hex	609CA5
RGB	96, 156, 165
RGB Percent	38%, 61%, 65%
CMY	0.6235, 0.3882, 0.3529
CMYK	0.42, 0.05, 0.00, 0.35
HSL	188°, 28%, 51%
HSV	188°, 42%, 65%
XYZ	23.5039, 28.9803, 39.9523
YIQ	139.0860, -38.6490, -9.9210

Conversions

Conversions Part 2

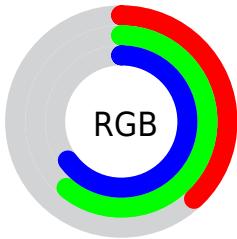
Format	Color
R_{YB}	96, 128, 165
Decimal	6331557
CIE _{Lab}	60.76, -17.04, -10.83
CIE _{LCh}	61, 20.194, 212.434
Yxy	28.9803, 0.2543, 0.3135
Android (android.graphics.Color)	4284521637 (0xFF609CA5)
YUV	139.0860, 12.7756, -37.7864
Hunter-Lab	53.8334, -16.2746, -6.3185

Details

The RGB color `96, 156, 165` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `165, 105, 96`, and the grayscale version is `139, 139, 139`.

A 20% lighter version of the original color is `150, 211, 220`, and `42, 105, 113` is the 20% darker color. If you saturate the color by 10%, you get `79, 154, 165`, and if you desaturate by 10%, it is `113, 158, 165`.

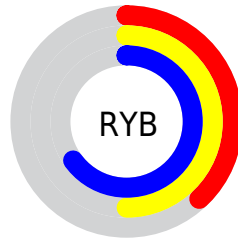
Distribution



Red (38%)

Green (61%)

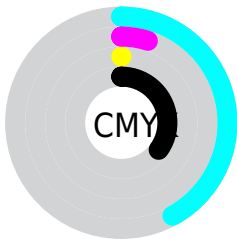
Blue (65%)



Red (38%)

Yellow (50%)

Blue (65%)

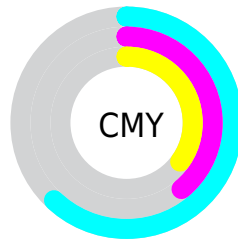


Cyan (42%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 156, 165 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 96, 156, 165 by changing the saturation by 10% instead.



96, 156, 165



96, 156, 165

255, 255, 255



69, 130, 139



150, 211, 220



42, 105, 113



178, 239, 249



7, 80, 89



206, 255, 255



0, 57, 65



235, 255, 255



0, 35, 43



0, 6, 23



0, 0, 0



96, 156, 165



96, 156, 165



79, 154, 165



113, 158, 165

■ 63, 152, 165

■ 129, 160, 165

■ 47, 150, 165

■ 146, 162, 165

■ 30, 147, 165

■ 162, 165, 165

■ 14, 145, 165

■ 178, 167, 165

■ 0, 143, 165

■ 195, 169, 165

■ 211, 171, 165

■ 228, 173, 165

■ 244, 175, 165

Harmonies

Analogous

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



102, 157, 147



96, 156, 165



106, 153, 178

Triad

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



96, 156, 165



171, 136, 163



159, 146, 111

Complementary

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



96, 156, 165



165, 105, 96

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.



174, 140, 116



96, 156, 165



182, 134, 146

Square

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



96, 156, 165



151, 142, 177



182, 135, 128



139, 151, 116

Rectangle

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



96, 156, 165



119, 150, 181



182, 135, 128



164, 144, 112

Sweetspot

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



96, 156, 165



186, 211, 214



96, 165, 104



90, 105, 107



235, 235, 235



107, 107, 107

Same Dimension

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



96, 156, 165



107, 200, 214



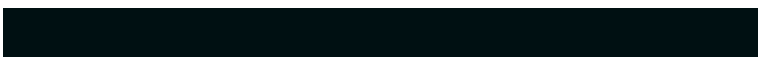
96, 122, 165



73, 81, 82



0, 126, 145



0, 16, 18

Inverse Universe

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



165, 96, 156



214, 107, 200



165, 139, 96



82, 73, 81



145, 0, 126



18, 0, 16

Previews

White Background



This preview shows how the RGB color 96, 156, 165 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 96, 156, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

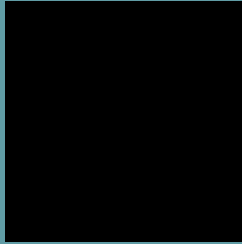
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 96, 156, 165 Background



This preview shows how black text looks on a background with the RGB color 96, 156, 165.

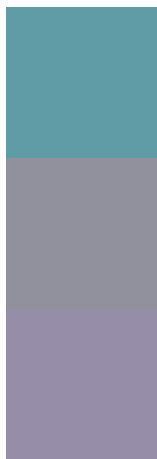


This preview shows how white text looks on a background with the RGB color 96, 156, 165.

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

96, 156, 165

Protanopia

145, 145, 158

Deuteranopia

150, 142, 168



Tritanopia
97, 156, 168

Trichromacy



Original Color
96, 156, 165

Protanomaly
127, 149, 161

Deuteranomaly
130, 147, 167

Tritanomaly
97, 156, 167

Monochromacy



Original Color
96, 156, 165

Achromatopsia
139, 139, 139

Achromatomaly
123, 145, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 156, 165 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(96, 156, 165)` looks like.

```
.text, #text, p{  
    color:rgb(96, 156, 165)  
}
```

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(96, 156, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 156, 165) }
```

Border

The CSS property to change the border of an element to RGB 96, 156, 165 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(96, 156, 165) }
```

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

```
.border{ border-color:rgb(96, 156, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 156, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 156, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 156, 165);  
box-shadow:4px 4px 4px 4px rgb(96, 156,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 96, 156, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 156, 165) }
```

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

```
.background{ background-color: rgb(96, 156,  
165) }
```

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