

Converting Colors

RGB(89, 151, 160)

Have a look what the booklet for
RGB(89, 151, 160) contains.

RGB(89, 151, 160)	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(89, 151, 160)

Conversions

Conversions Part 1

Format	Color
Hex	5997A0
RGB	89, 151, 160
RGB Percent	35%, 59%, 63%
CMY	0.6510, 0.4078, 0.3725
CMYK	0.44, 0.06, 0.00, 0.37
HSL	188°, 29%, 49%
HSV	188°, 44%, 63%
XYZ	21.5316, 26.7951, 37.2948
YIQ	133.4880, -39.8410, -10.3450

Conversions

Conversions Part 2

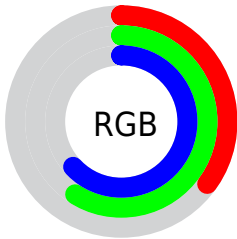
Format	Color
R _Y B	89, 122, 160
Decimal	5871520
CIE Lab	58.78, -17.55, -11.00
CIE LCh	59, 20.706, 212.078
Yxy	26.7951, 0.2515, 0.3129
Android (android.graphics.Color)	4284061600 (0xFF5997A0)
YUV	133.4880, 13.0704, -39.0160
Hunter-Lab	51.7640, -16.3387, -6.4823

Details

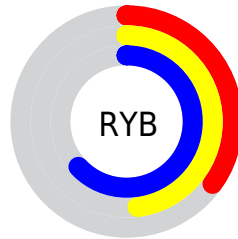
The RGB color `89, 151, 160` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `160, 98, 89`, and the grayscale version is `133, 133, 133`.

A 20% lighter version of the original color is `143, 205, 215`, and `34, 100, 109` is the 20% darker color. If you saturate the color by 10%, you get `73, 149, 160`, and if you desaturate by 10%, it is `105, 153, 160`.

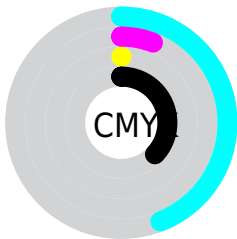
Distribution



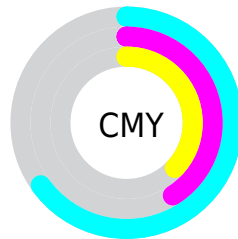
- Red (35%)
- Green (59%)
- Blue (63%)



- Red (35%)
- Yellow (48%)
- Blue (63%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)




- Cyan (65%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 89, 151, 160 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 89, 151, 160 by changing the saturation by 10% instead.

 89, 151, 160


255, 255, 255


 143, 205, 215


 171, 234, 243

 199, 255, 255

 228, 255, 255

 89, 151, 160

 62, 125, 134

 34, 100, 109


 0, 76, 84


 0, 53, 61


 0, 32, 39

 0, 1, 19

 0, 0, 0

 89, 151, 160

 73, 149, 160

 89, 151, 160

 105, 153, 160

■ 57, 147, 160

■ 121, 155, 160

■ 41, 145, 160

■ 137, 157, 160

■ 25, 143, 160

■ 153, 159, 160

■ 9, 141, 160

■ 169, 161, 160

■ 0, 140, 160

■ 185, 163, 160

■ 201, 165, 160

■ 217, 167, 160

■ 233, 169, 160

Harmonies

Analogous

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



96, 152, 142



89, 151, 160



99, 148, 173

Triad

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



89, 151, 160



166, 131, 159



154, 141, 105

Complementary

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



89, 151, 160



160, 98, 89

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.



169, 135, 110



89, 151, 160



177, 128, 141

Square

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



89, 151, 160



146, 136, 172



178, 130, 123



134, 146, 110

Rectangle

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



89, 151, 160



113, 145, 177



178, 130, 123



159, 139, 106

Sweetspot

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



89, 151, 160



182, 206, 209



89, 160, 97



88, 102, 105



232, 232, 232



105, 105, 105

Same Dimension

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



89, 151, 160



98, 195, 209



89, 116, 160



71, 78, 79



0, 125, 143



0, 13, 15

Inverse Universe

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



160, 89, 151



209, 98, 195



160, 133, 89



79, 71, 78



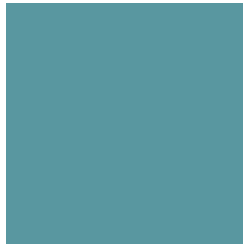
143, 0, 125



15, 0, 13

Previews

White Background



This preview shows how the RGB color 89, 151, 160 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 89, 151, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

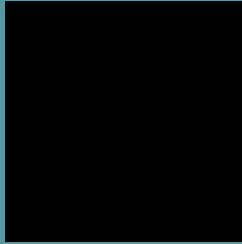
Any Text WCAG AA ✓ Pass

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 89, 151, 160 Background



This preview shows how black text looks on a background with the RGB color 89, 151, 160.

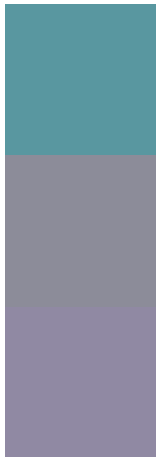


This preview shows how white text looks on a background with the RGB color 89, 151, 160.

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
89, 151, 160

Protanopia
140, 140, 153

Deuteranopia
144, 137, 163



Tritanopia
90, 151, 163

Trichromacy



Original Color
89, 151, 160

Protanomaly
121, 144, 156

Deuteranomaly
124, 142, 162

Tritanomaly
90, 151, 162

Monochromacy



Original Color
89, 151, 160

Achromatopsia
133, 133, 133

Achromatomaly
117, 140, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 89, 151, 160 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(89, 151, 160)` looks like.

```
.text, #text, p{  
    color:rgb(89, 151, 160)  
}
```

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(89, 151, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 151, 160) }
```

Border

The CSS property to change the border of an element to RGB 89, 151, 160 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(89, 151, 160) }
```

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

```
.border{ border-color:rgb(89, 151, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 151, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 151, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 151, 160);  
box-shadow:4px 4px 4px 4px rgb(89, 151,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 89, 151, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 151, 160) }
```

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

```
.background{ background-color: rgb(89, 151,  
160) }
```

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