

Converting Colors

RGB(129, 159, 198)

Have a look what the booklet for
RGB(129, 159, 198) contains.

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Color

RGB(129, 159, 198)

Conversions

Conversions Part 1

Format	Color
Hex	819FC6
RGB	129, 159, 198
RGB Percent	51%, 62%, 78%
CMY	0.4941, 0.3765, 0.2235
CMYK	0.35, 0.20, 0.00, 0.22
HSL	214°, 38%, 64%
HSV	214°, 35%, 78%
XYZ	31.6444, 33.5406, 58.2322
YIQ	154.4760, -30.3990, 5.7690

Conversions

Conversions Part 2

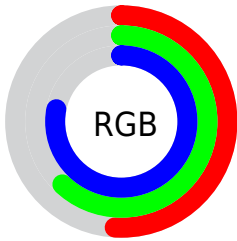
Format	Color
R_{YB}	129, 150, 198
Decimal	8495046
CIE _{Lab}	64.60, -0.86, -23.38
CIE _{LCh}	65, 23.399, 267.905
Yxy	33.5406, 0.2564, 0.2718
Android (android.graphics.Color)	4286685126 (0xFF819FC6)
YUV	154.4760, 21.4573, -22.3425
Hunter-Lab	57.9143, -3.8173, -19.0755

Details

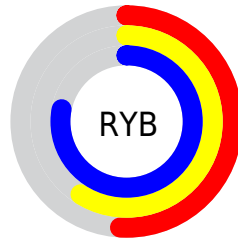
The RGB color **129, 159, 198** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **198, 168, 129**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **184, 214, 255**, and **77, 108, 144** is the 20% darker color. If you saturate the color by 10%, you get **109, 148, 198**, and if you desaturate by 10%, it is **149, 170, 198**.

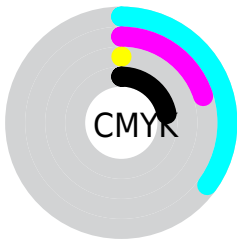
Distribution



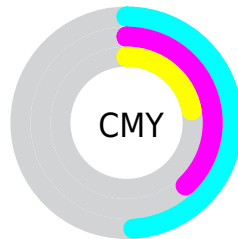
- Red (51%)
- Green (62%)
- Blue (78%)



- Red (51%)
- Yellow (59%)
- Blue (78%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 159, 198 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 129, 159, 198 by changing the saturation by 10% instead.

 129, 159, 198

255, 255, 255

 184, 214, 255


 212, 242, 255

 241, 255, 255

 129, 159, 198


 103, 133, 171

 77, 108, 144

 51, 84, 118


 24, 61, 93

 0, 39, 70

 0, 18, 47

 0, 1, 26

 0, 0, 0

 129, 159, 198

 129, 159, 198

■ 109, 148, 198

■ 149, 170, 198

■ 89, 137, 198

■ 169, 181, 198

■ 70, 125, 198

■ 188, 193, 198

■ 50, 114, 198

■ 208, 204, 198

■ 30, 103, 198

■ 228, 215, 198

■ 10, 92, 198

■ 248, 226, 198

■ 0, 86, 198

■ 255, 237, 198

■ 255, 249, 198

■ 255, 255, 198

Harmonies

Analogous

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



104, 165, 191



129, 159, 198



158, 152, 193

Triad

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



129, 159, 198



199, 143, 138



127, 166, 134

Complementary

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



129, 159, 198



198, 168, 129

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.



151, 161, 119



129, 159, 198



190, 148, 122

Square

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



129, 159, 198



196, 142, 159



173, 155, 115



106, 168, 154

Rectangle

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



129, 159, 198



175, 147, 185



173, 155, 115



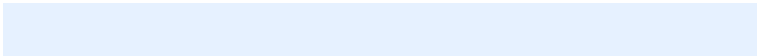
135, 165, 128

Sweetspot

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



129, 159, 198



230, 241, 255



129, 198, 167



112, 119, 128



0, 0, 0



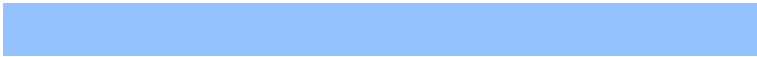
128, 128, 128

Same Dimension

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



129, 159, 198



148, 194, 255



132, 129, 198



90, 94, 99



0, 71, 163



0, 16, 36

Inverse Universe

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



198, 129, 159



255, 148, 194



195, 198, 129



99, 90, 94



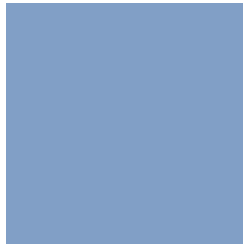
163, 0, 71



36, 0, 16

Previews

White Background



This preview shows how the RGB color 129, 159, 198 looks on a white background.

Color Contrast Check

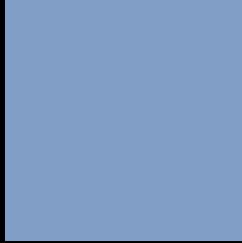
Large Text (above 18pt) WCAG AA × Fail

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 129, 159, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

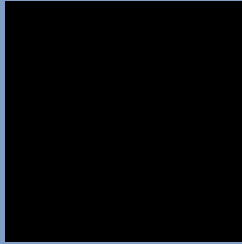
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

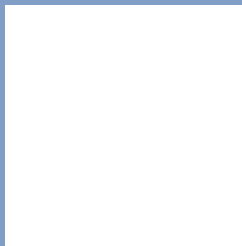
Any Text WCAG AAA ✓ Pass

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

RGB 129, 159, 198 Background



This preview shows how black text looks on a background with the RGB color 129, 159, 198.




This preview shows how white text looks on a background with the RGB color 129, 159, 198.

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
124, 163, 176

Trichromacy



Original Color
129, 159, 198

Protanomaly
140, 156, 196

Deuteranomaly
142, 155, 199

Tritanomaly
126, 162, 184

Monochromacy



Original Color
129, 159, 198

Achromatopsia
154, 154, 154

Achromatomaly
145, 156, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 159, 198 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(129, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(129, 159, 198)  
}
```

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(129, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 159, 198) }
```

Border

The CSS property to change the border of an element to RGB 129, 159, 198 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(129, 159, 198) }
```

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

```
.border{ border-color:rgb(129, 159, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 159, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 159, 198);  
box-shadow:4px 4px 4px 4px rgb(129, 159,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 129, 159, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 159, 198) }
```

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

```
.background{ background-color: rgb(129,  
159, 198) }
```

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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