

Converting Colors

RGB(129, 175, 197)

Have a look what the booklet for
RGB(129, 175, 197) contains.

RGB(129, 175, 197)	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(129, 175, 197)

Conversions

Conversions Part 1

Format	Color
Hex	81AFC5
RGB	129, 175, 197
RGB Percent	51%, 69%, 77%
CMY	0.4941, 0.3137, 0.2275
CMYK	0.35, 0.11, 0.00, 0.23
HSL	199°, 37%, 64%
HSV	199°, 35%, 77%
XYZ	34.4613, 39.3583, 58.6039
YIQ	163.7540, -34.4780, -2.9100

Conversions

Conversions Part 2

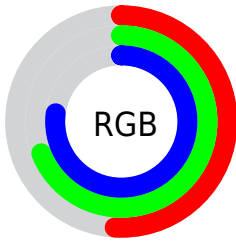
Format	Color
RYB	129, 156, 197
Decimal	8499141
CIELab	69.01, -9.89, -16.12
CIELCh	69, 18.909, 238.470
Yxy	39.3583, 0.2602, 0.2972
Android (android.graphics.Color)	4286689221 (0xFF81AFC5)
YUV	163.7540, 16.3903, -30.4793
Hunter-Lab	62.7362, -11.7374, -11.4694

Details

The RGB color **129, 175, 197** is a light color, and the websafe version is hex **669999**. A complement of this color would be **197, 151, 129**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **184, 231, 254**, and **76, 123, 143** is the 20% darker color. If you saturate the color by 10%, you get **109, 169, 197**, and if you desaturate by 10%, it is **149, 181, 197**.

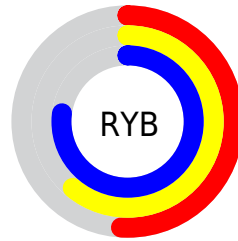
Distribution



Red (51%)

Green (69%)

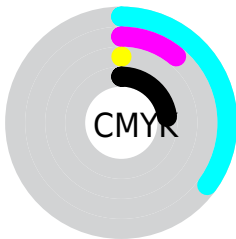
Blue (77%)



Red (51%)

Yellow (61%)

Blue (77%)

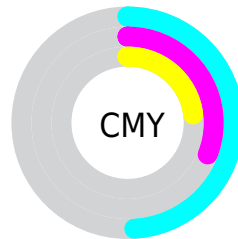


Cyan (35%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (49%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 175, 197 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, 175, 197 by changing the saturation by 10% instead.

 129, 175, 197


255, 255, 255


 184, 231, 254

 212, 255, 255

 241, 255, 255

 129, 175, 197


 103, 148, 170

 76, 123, 143

 50, 98, 118

 22, 74, 93

 0, 51, 69

 0, 30, 47

 0, 1, 27

 0, 0, 0

 129, 175, 197

 129, 175, 197

■ 109, 169, 197

■ 149, 181, 197

■ 90, 162, 197

■ 168, 188, 197

■ 70, 156, 197

■ 188, 194, 197

■ 50, 150, 197

■ 208, 200, 197

■ 30, 143, 197

■ 228, 207, 197

■ 11, 137, 197

■ 247, 213, 197

■ 0, 133, 197

■ 255, 220, 197

■ 255, 226, 197

■ 255, 232, 197

Harmonies

Analogous

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



122, 178, 184



129, 175, 197



148, 170, 202

Triad

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



129, 175, 197



202, 156, 170



164, 172, 138

Complementary

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



129, 175, 197



197, 151, 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.



183, 167, 134



129, 175, 197



204, 157, 153

Square

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



129, 175, 197



190, 159, 187



197, 161, 140



144, 176, 150

Rectangle

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



129, 175, 197



163, 166, 201



197, 161, 140



170, 171, 136

Sweetspot

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



129, 175, 197



230, 247, 255



129, 197, 151



112, 123, 128



0, 0, 0



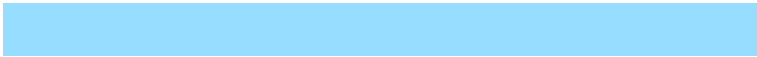
128, 128, 128

Same Dimension

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



129, 175, 197



150, 221, 255



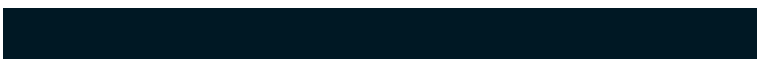
129, 141, 197



90, 96, 99



0, 110, 163



0, 24, 36

Inverse Universe

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



197, 129, 175



255, 150, 221



197, 185, 129



99, 90, 96



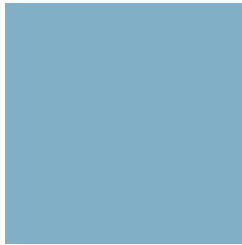
163, 0, 110



36, 0, 24

Previews

White Background



This preview shows how the RGB color 129, 175, 197 looks on a white background.

Color Contrast Check

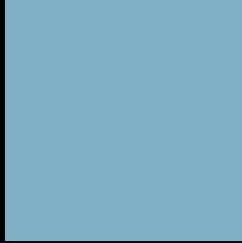
Large Text (above 18pt) WCAG AA × Fail

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, 175, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

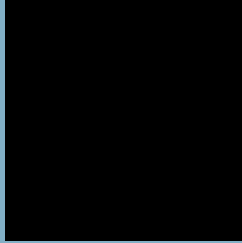
Any Text WCAG AA ✓ Pass

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, 175, 197 Background



This preview shows how black text looks on a background with the RGB color 129, 175, 197.



This preview shows how white text looks on a background with the RGB color 129, 175, 197.

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
129, 175, 197

Protanopia
164, 167, 191

Deuteranopia
169, 164, 199



Tritanopia
127, 176, 190

Trichromacy



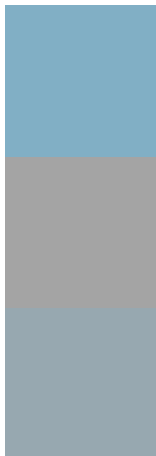
Original Color
129, 175, 197

Protanomaly
151, 170, 193

Deuteranomaly
154, 168, 198

Tritanomaly
128, 176, 193

Monochromacy



Original Color
129, 175, 197

Achromatopsia
164, 164, 164

Achromatomaly
151, 168, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 175, 197 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, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(129, 175, 197)  
}
```

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, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 175, 197) }
```

Border

The CSS property to change the border of an element to RGB 129, 175, 197 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, 175, 197) }
```

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

```
.border{ border-color:rgb(129, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(129, 175,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 129, 175, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 175, 197) }
```

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

```
.background{ background-color: rgb(129,  
175, 197) }
```

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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