

Converting Colors

RGB(159, 180, 220)

Have a look what the booklet for
RGB(159, 180, 220) contains.

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Color

RGB(159, 180, 220)

Conversions

Conversions Part 1

Format	Color
Hex	9FB4DC
RGB	159, 180, 220
RGB Percent	62%, 71%, 86%
CMY	0.3765, 0.2941, 0.1373
CMYK	0.28, 0.18, 0.00, 0.14
HSL	219°, 47%, 74%
HSV	219°, 28%, 86%
XYZ	43.5376, 45.1808, 74.1362
YIQ	178.2810, -25.3560, 7.9880

Conversions

Conversions Part 2

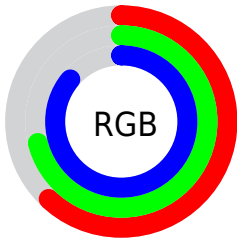
Format	Color
RYB	159, 175, 220
Decimal	10466524
CIELab	73.01, 1.76, -22.48
CIElCh	73, 22.551, 274.483
Yxy	45.1808, 0.2673, 0.2774
Android (android.graphics.Color)	4288656604 (0xFF9FB4DC)
YUV	178.2810, 20.5675, -16.9094
Hunter-Lab	67.2166, -2.0110, -18.3420

Details

The RGB color **159, 180, 220** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **220, 199, 159**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **215, 236, 255**, and **106, 127, 165** is the 20% darker color. If you saturate the color by 10%, you get **137, 166, 220**, and if you desaturate by 10%, it is **181, 194, 220**.

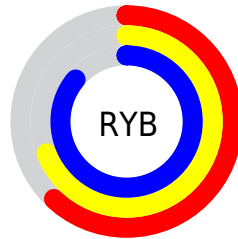
Distribution



Red (62%)

Green (71%)

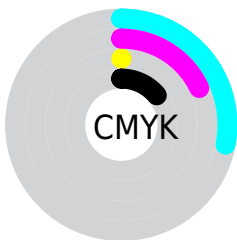
Blue (86%)



Red (62%)

Yellow (69%)

Blue (86%)

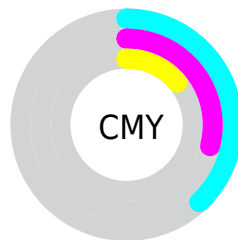


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (29%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 180, 220 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 159, 180, 220 by changing the saturation by 10% instead.

■ 159, 180, 220

255, 255, 255

■ 215, 236, 255

■ 243, 255, 255

■ 159, 180, 220

■ 132, 153, 192

■ 106, 127, 165

■ 81, 102, 138

■ 56, 79, 113

■ 31, 56, 88

■ 1, 35, 65

■ 0, 12, 43

■ 0, 1, 21

■ 0, 0, 0

■ 159, 180, 220

■ 159, 180, 220

■ 137, 166, 220

■ 181, 194, 220

■ 115, 151, 220

■ 203, 209, 220

■ 93, 137, 220

■ 225, 223, 220

■ 71, 122, 220

■ 247, 238, 220

■ 49, 108, 220

■ 255, 252, 220

■ 27, 93, 220

■ 255, 255, 220

■ 5, 79, 220

■ 0, 76, 220

Harmonies

Analogous

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



134, 186, 216



159, 180, 220



187, 173, 213

Triad

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



159, 180, 220



221, 166, 157



146, 189, 161

Complementary

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



159, 180, 220



220, 199, 159

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, 185, 145



159, 180, 220



210, 172, 143

Square

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



159, 180, 220



221, 164, 177



192, 179, 138



127, 191, 182

Rectangle

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



159, 180, 220



202, 169, 203



192, 179, 138



153, 188, 155

Sweetspot

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



159, 180, 220



235, 242, 255



159, 220, 199



115, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 180, 220



171, 200, 255



168, 159, 220



99, 102, 110



0, 60, 173



0, 16, 46

Inverse Universe

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



220, 159, 180



255, 171, 200



211, 220, 159



110, 99, 102



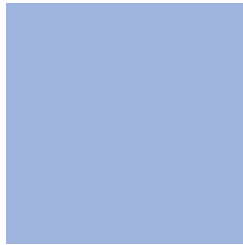
173, 0, 60



46, 0, 16

Previews

White Background



This preview shows how the RGB color 159, 180, 220 looks on a white background.

Color Contrast Check

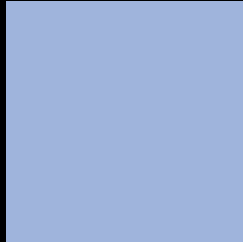
Large Text (above 18pt) WCAG AA × Fail

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 159, 180, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

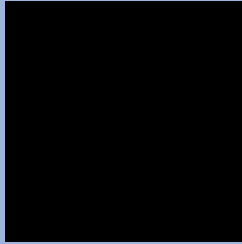
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

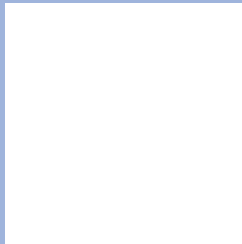
Any Text WCAG AAA ✓ Pass

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

RGB 159, 180, 220 Background



This preview shows how black text looks on a background with the RGB color 159, 180, 220.



This preview shows how white text looks on a background with the RGB color 159, 180, 220.

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](#).

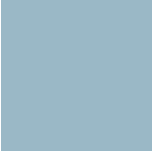
Dichromacy



Original Color
159, 180, 220

Protanopia
170, 177, 218

Deuteranopia
175, 175, 221



Tritanopia

154, 184, 198

Trichromacy



Original Color
159, 180, 220

Protanomaly
166, 178, 219

Deuteranomaly
169, 177, 221

Tritanomaly
156, 183, 206

Monochromacy



Original Color
159, 180, 220

Achromatopsia
178, 178, 178

Achromatomaly
171, 179, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 180, 220 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(159, 180, 220)` looks like.

```
.text, #text, p{  
    color:rgb(159, 180, 220)  
}
```

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(159, 180, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 180, 220) }
```

Border

The CSS property to change the border of an element to RGB 159, 180, 220 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(159, 180, 220) }
```

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

```
.border{ border-color:rgb(159, 180, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 180, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 180, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 180, 220);  
box-shadow:4px 4px 4px 4px rgb(159, 180,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 159, 180, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 180, 220) }
```

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

```
.background{ background-color: rgb(159,  
180, 220) }
```

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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