

Converting Colors

RGB(159, 173, 212)

Have a look what the booklet for
RGB(159, 173, 212) contains.

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Color

RGB(159, 173, 212)

Conversions

Conversions Part 1

Format	Color
Hex	9FADD4
RGB	159, 173, 212
RGB Percent	62%, 68%, 83%
CMY	0.3765, 0.3216, 0.1686
CMYK	0.25, 0.18, 0.00, 0.17
HSL	224°, 38%, 73%
HSV	224°, 25%, 83%
XYZ	41.1253, 42.0115, 68.2289
YIQ	173.2600, -20.8630, 9.1610

Conversions

Conversions Part 2

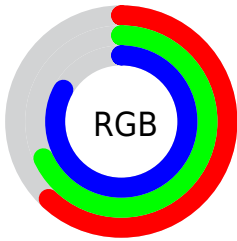
Format	Color
RYB	159, 170, 212
Decimal	10464724
CIELab	70.88, 3.70, -21.35
CIELCh	71, 21.672, 279.824
Yxy	42.0115, 0.2717, 0.2775
Android (android.graphics.Color)	4288654804 (0xFF9FADD4)
YUV	173.2600, 19.0988, -12.5060
Hunter-Lab	64.8163, -0.1720, -17.0402

Details

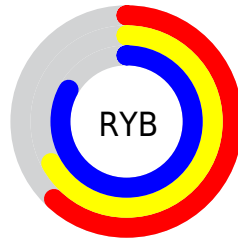
The RGB color **159, 173, 212** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **212, 198, 159**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **214, 228, 255**, and **106, 121, 157** is the 20% darker color. If you saturate the color by 10%, you get **138, 157, 212**, and if you desaturate by 10%, it is **180, 189, 212**.

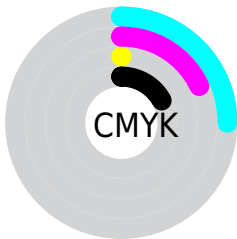
Distribution



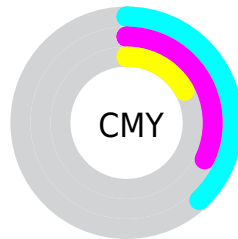
- Red (62%)
- Green (68%)
- Blue (83%)



- Red (62%)
- Yellow (67%)
- Blue (83%)



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 173, 212 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, 173, 212 by changing the saturation by 10% instead.

■ 159, 173, 212

255, 255, 255

■ 214, 228, 255

■ 243, 255, 255

■ 159, 173, 212

■ 132, 146, 184

■ 106, 121, 157

■ 81, 96, 131

■ 57, 72, 106

■ 33, 50, 82

■ 6, 29, 58


■ 0, 3, 37


■ 0, 1, 13


■ 0, 0, 0

 159, 173, 212


 159, 173, 212

 138, 157, 212


 180, 189, 212

 117, 142, 212

 201, 204, 212

 95, 126, 212

 223, 220, 212

 74, 111, 212

 244, 235, 212

 53, 95, 212

 255, 251, 212

 32, 79, 212

 255, 255, 212

 11, 64, 212

 0, 56, 212

Harmonies

Analogous

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



134, 179, 210



159, 173, 212



185, 166, 204

Triad

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



159, 173, 212



212, 162, 149



138, 184, 159

Complementary

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



159, 173, 212



212, 198, 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.



160, 180, 143



159, 173, 212



200, 168, 137

Square

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



159, 173, 212



214, 159, 168



182, 174, 135



122, 185, 179

Rectangle

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



159, 173, 212



199, 162, 194



182, 174, 135



145, 183, 153

Sweetspot

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



159, 173, 212



235, 240, 255



159, 212, 198



115, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 173, 212



179, 199, 255



171, 159, 212



96, 99, 107



0, 45, 171



0, 11, 43

Inverse Universe

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



212, 159, 173



255, 179, 199



200, 212, 159



107, 96, 99



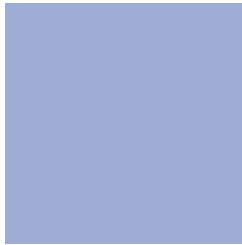
171, 0, 45



43, 0, 11

Previews

White Background



This preview shows how the RGB color 159, 173, 212 looks on a white background.

Color Contrast Check

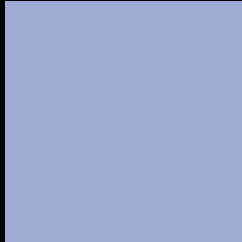
Large Text (above 18pt) WCAG AA × Fail

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, 173, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

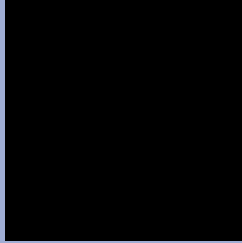
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

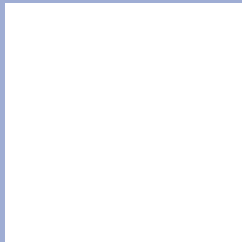
Any Text WCAG AAA ✓ Pass

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

RGB 159, 173, 212 Background



This preview shows how black text looks on a background with the RGB color 159, 173, 212.



This preview shows how white text looks on a background with the RGB color 159, 173, 212.

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, 173, 212

Protanopia

164, 172, 211

Deuteranopia

170, 170, 213



Tritanopia
155, 177, 191

Trichromacy



Original Color
159, 173, 212

Protanomaly
162, 172, 211

Deuteranomaly
166, 171, 213

Tritanomaly
156, 176, 199

Monochromacy



Original Color
159, 173, 212

Achromatopsia
173, 173, 173

Achromatomaly
168, 173, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 173, 212 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, 173, 212)` looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 212)  
}
```

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, 173, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 212) }
```

Border

The CSS property to change the border of an element to RGB 159, 173, 212 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, 173, 212) }
```

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

```
.border{ border-color:rgb(159, 173, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 173, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 173, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 173, 212);  
box-shadow:4px 4px 4px 4px rgb(159, 173,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 159, 173, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 212) }
```

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

```
.background{ background-color: rgb(159,  
173, 212) }
```

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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