

Converting Colors

RGB(159, 171, 231)

Have a look what the booklet for
RGB(159, 171, 231) contains.

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Color

RGB(159, 171, 231)

Conversions

Conversions Part 1

Format	Color
Hex	9FABE7
RGB	159, 171, 231
RGB Percent	62%, 67%, 91%
CMY	0.3765, 0.3294, 0.0941
CMYK	0.31, 0.26, 0.00, 0.09
HSL	230°, 60%, 76%
HSV	230°, 31%, 91%
XYZ	43.2848, 42.2663, 81.4782
YIQ	174.2520, -26.4120, 16.1160

Conversions

Conversions Part 2

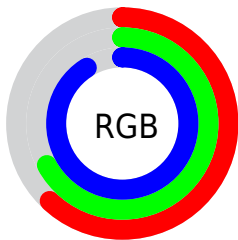
Format	Color
R_{YB}	159, 169, 231
Decimal	10464231
CIE _{Lab}	71.05, 9.45, -31.48
CIE _{LCh}	71, 32.870, 286.707
Yxy	42.2663, 0.2591, 0.2530
Android (android.graphics.Color)	4288654311 (0xFF9FABE7)
YUV	174.2520, 27.9768, -13.3760
Hunter-Lab	65.0125, 5.0719, -28.7975

Details

The RGB color **159, 171, 231** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **231, 219, 159**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **215, 226, 255**, and **105, 119, 175** is the 20% darker color. If you saturate the color by 10%, you get **136, 152, 231**, and if you desaturate by 10%, it is **182, 190, 231**.

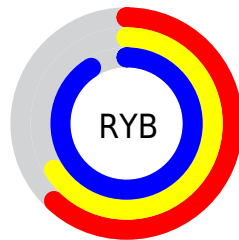
Distribution



Red (62%)

Green (67%)

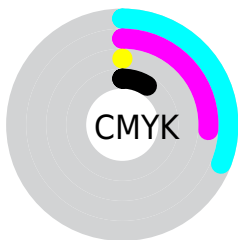
Blue (91%)



Red (62%)

Yellow (66%)

Blue (91%)

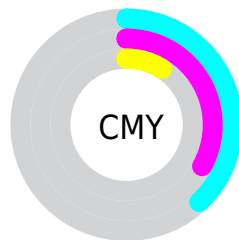


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (38%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 171, 231 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, 171, 231 by changing the saturation by 10% instead.

■ 159, 171, 231

255, 255, 255

■ 215, 226, 255

■ 244, 255, 255

■ 159, 171, 231

■ 132, 145, 203

■ 105, 119, 175

■ 79, 94, 148

■ 53, 71, 122

■ 26, 49, 97

■ 0, 28, 73

■ 0, 1, 50

■ 0, 2, 29

■ 0, 0, 0

■ 159, 171, 231

■ 159, 171, 231

■ 136, 152, 231

■ 182, 190, 231

■ 113, 133, 231

■ 205, 210, 231

■ 90, 113, 231

■ 228, 229, 231

■ 67, 94, 231

■ 251, 248, 231

■ 44, 75, 231

■ 255, 255, 231

■ 20, 56, 231

■ 0, 39, 231

Harmonies

Analogous

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



113, 181, 232



159, 171, 231



199, 160, 215

Triad

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



159, 171, 231



227, 158, 132



108, 189, 159

Complementary

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



159, 171, 231



231, 219, 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.



144, 185, 132



159, 171, 231



207, 167, 116

Square

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



159, 171, 231



234, 152, 158



178, 177, 116



78, 190, 190

Rectangle

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



159, 171, 231



218, 155, 198



178, 177, 116



120, 188, 149

Sweetspot

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



159, 171, 231



232, 236, 255



159, 231, 219



113, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 171, 231



161, 176, 255



183, 159, 231



103, 105, 115



0, 30, 179



0, 9, 51

Inverse Universe

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



231, 159, 171



255, 161, 176



207, 231, 159



115, 103, 105



179, 0, 30



51, 0, 9

Previews

White Background



This preview shows how the RGB color 159, 171, 231 looks on a white background.

Color Contrast Check

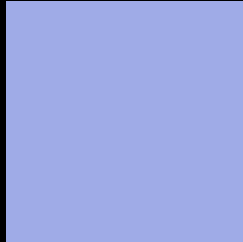
Large Text (above 18pt) WCAG AA × Fail

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, 171, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

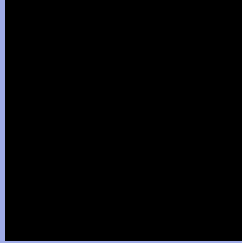
Any Text WCAG AA ✓ Pass

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, 171, 231 Background



This preview shows how black text looks on a background with the RGB color 159, 171, 231.



This preview shows how white text looks on a background with the RGB color 159, 171, 231.

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

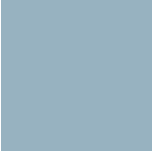
159, 171, 231

Protanopia

157, 172, 231

Deuteranopia

159, 171, 231



Tritanopia
151, 178, 192

Trichromacy



Original Color

159, 171, 231

Protanomaly

158, 172, 231

Deuteranomaly

159, 171, 231

Tritanomaly

154, 175, 206

Monochromacy



Original Color

159, 171, 231

Achromatopsia

174, 174, 174

Achromatomaly

169, 173, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 171, 231 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, 171, 231)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 231)  
}
```

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, 171, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 231) }
```

Border

The CSS property to change the border of an element to RGB 159, 171, 231 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, 171, 231) }
```

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

```
.border{ border-color:rgb(159, 171, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 231);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 159, 171, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 231) }
```

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

```
.background{ background-color: rgb(159,  
171, 231) }
```

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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