

Converting Colors

RGB(159, 169, 237)

Have a look what the booklet for
RGB(159, 169, 237) contains.

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Color

RGB(159, 169, 237)

Conversions

Conversions Part 1

Format	Color
Hex	9FA9ED
RGB	159, 169, 237
RGB Percent	62%, 66%, 93%
CMY	0.3765, 0.3373, 0.0706
CMYK	0.33, 0.29, 0.00, 0.07
HSL	232°, 68%, 78%
HSV	232°, 33%, 93%
XYZ	43.7721, 41.8613, 85.8938
YIQ	173.7620, -27.7880, 19.0280

Conversions

Conversions Part 2

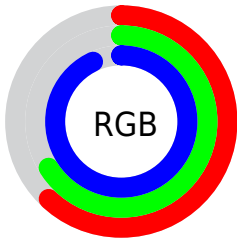
Format	Color
RYB	159, 168, 237
Decimal	10463725
CIELab	70.78, 12.09, -35.19
CIELCh	71, 37.205, 288.963
Yxy	41.8613, 0.2552, 0.2441
Android (android.graphics.Color)	4288653805 (0xFF9FA9ED)
YUV	173.7620, 31.1763, -12.9463
Hunter-Lab	64.7003, 7.5362, -33.4210

Details

The RGB color **159, 169, 237** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **237, 227, 159**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **215, 224, 255**, and **105, 117, 181** is the 20% darker color. If you saturate the color by 10%, you get **135, 148, 237**, and if you desaturate by 10%, it is **183, 190, 237**.

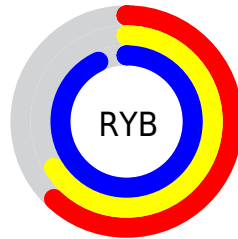
Distribution



Red (62%)

Green (66%)

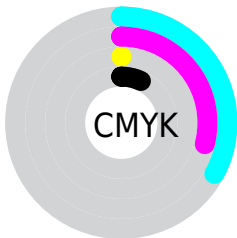
Blue (93%)



Red (62%)

Yellow (66%)

Blue (93%)

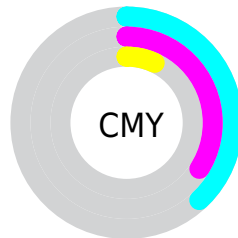


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 169, 237 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, 169, 237 by changing the saturation by 10% instead.

■ 159, 169, 237

255, 255, 255

■ 215, 224, 255

■ 244, 253, 255

■ 159, 169, 237

■ 132, 143, 209

■ 105, 117, 181

■ 79, 93, 154

■ 52, 69, 128

■ 23, 47, 102

■ 0, 27, 78

■ 0, 0, 55

■ 0, 2, 32

■ 0, 0, 5

■ 159, 169, 237

■ 159, 169, 237

■ 135, 148, 237

■ 183, 190, 237

■ 112, 128, 237

■ 206, 210, 237

■ 88, 107, 237

■ 230, 231, 237

■ 64, 86, 237

■ 254, 252, 237

■ 40, 66, 237

■ 255, 255, 237

■ 17, 45, 237

■ 0, 30, 237

Harmonies

Analogous

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



103, 180, 239



159, 169, 237



204, 157, 218

Triad

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



159, 169, 237



230, 155, 123



92, 191, 159

Complementary

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



159, 169, 237



237, 227, 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.



135, 186, 128



159, 169, 237



207, 167, 107

Square

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



159, 169, 237



240, 148, 153



174, 178, 108



47, 191, 194

Rectangle

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



159, 169, 237



224, 150, 198



174, 178, 108



107, 189, 148

Sweetspot

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



159, 169, 237



230, 233, 255



159, 237, 227



112, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 169, 237



156, 168, 255



188, 159, 237



106, 107, 117



0, 23, 181



0, 7, 54

Inverse Universe

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



237, 159, 169



255, 156, 168



208, 237, 159



117, 106, 107



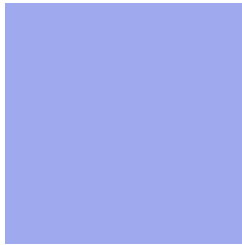
181, 0, 23



54, 0, 7

Previews

White Background



This preview shows how the RGB color 159, 169, 237 looks on a white background.

Color Contrast Check

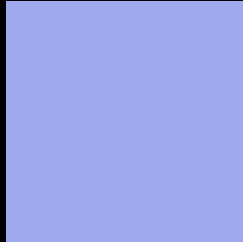
Large Text (above 18pt) WCAG AA × Fail

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, 169, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

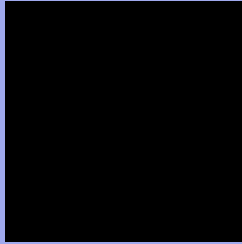
Any Text WCAG AA ✓ Pass

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, 169, 237 Background



This preview shows how black text looks on a background with the RGB color 159, 169, 237.



This preview shows how white text looks on a background with the RGB color 159, 169, 237.

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](#).

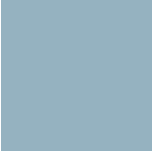
Dichromacy



Original Color
159, 169, 237

Protanopia
153, 171, 238

Deuteranopia
153, 171, 237



Tritanopia
149, 178, 192

Trichromacy



Original Color
159, 169, 237

Protanomaly
155, 170, 238

Deuteranomaly
155, 170, 237

Tritanomaly
153, 175, 208

Monochromacy



Original Color
159, 169, 237

Achromatopsia
174, 174, 174

Achromatomaly
169, 172, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 169, 237 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, 169, 237)` looks like.

```
.text, #text, p{  
    color:rgb(159, 169, 237)  
}
```

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, 169, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 169, 237) }
```

Border

The CSS property to change the border of an element to RGB 159, 169, 237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

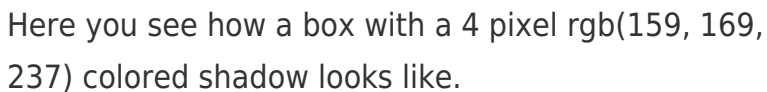
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 169, 237) }
```

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

```
.border{ border-color:rgb(159, 169, 237) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 169, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 169, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 169, 237); box-shadow:4px 4px 4px 4px rgb(159, 169, 237) }
```

Background

The CSS property to change the background color of an element to RGB 159, 169, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 169, 237) }
```

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

```
.background{ background-color: rgb(159,  
169, 237) }
```

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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