

Converting Colors

RGB(149, 153, 244)

Have a look what the booklet for
RGB(149, 153, 244) contains.

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Color

RGB(149, 153, 244)

Conversions

Conversions Part 1

Format	Color
Hex	9599F4
RGB	149, 153, 244
RGB Percent	58%, 60%, 96%
CMY	0.4157, 0.4000, 0.0431
CMYK	0.39, 0.37, 0.00, 0.04
HSL	237°, 81%, 77%
HSV	237°, 39%, 96%
XYZ	40.1148, 35.7037, 90.3652
YIQ	162.1780, -31.5950, 27.4530

Conversions

Conversions Part 2

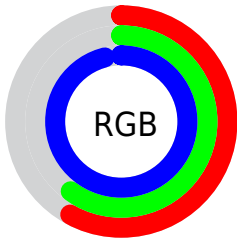
Format	Color
R_{YB}	149, 153, 244
Decimal	9804276
CIE _{Lab}	66.29, 20.34, -46.07
CIE _{LCh}	66, 50.358, 293.825
Yxy	35.7037, 0.2414, 0.2148
Android (android.graphics.Color)	4287994356 (0xFF9599F4)
YUV	162.1780, 40.3382, -11.5571
Hunter-Lab	59.7526, 15.2687, -47.8388

Details

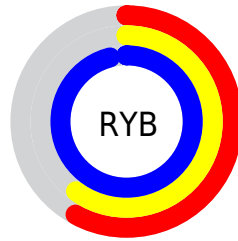
The RGB color **149, 153, 244** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **244, 240, 149**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **206, 207, 255**, and **93, 102, 187** is the 20% darker color. If you saturate the color by 10%, you get **125, 130, 244**, and if you desaturate by 10%, it is **173, 176, 244**.

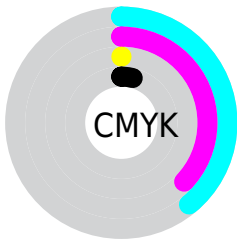
Distribution



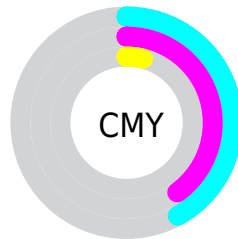
- Red (58%)
- Green (60%)
- Blue (96%)



- Red (58%)
- Yellow (60%)
- Blue (96%)



- Cyan (39%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 153, 244 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 149, 153, 244 by changing the saturation by 10% instead.


 149, 153, 244


255, 255, 255

 206, 207, 255

 235, 235, 255

 149, 153, 244


 121, 127, 215

 93, 102, 187

 65, 78, 160

 34, 56, 133

 0, 35, 108

 0, 15, 83

 0, 2, 59

 0, 2, 36

 0, 0, 12

■ 149, 153, 244

■ 149, 153, 244

■ 125, 130, 244

■ 173, 176, 244

■ 100, 106, 244

■ 198, 200, 244

■ 76, 83, 244

■ 222, 223, 244

■ 51, 60, 244

■ 247, 246, 244

■ 27, 36, 244

■ 255, 255, 244

■ 3, 13, 244

■ 0, 10, 244

Harmonies

Analogous

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



40, 169, 251



149, 153, 244



208, 135, 215

Triad

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



149, 153, 244



229, 139, 89



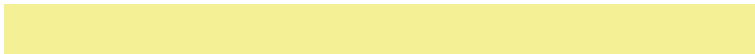
0, 183, 150

Complementary

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



149, 153, 244



244, 240, 149

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.



97, 179, 106



149, 153, 244



196, 155, 68

Square

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



149, 153, 244



245, 125, 127



152, 169, 75



0, 184, 196

Rectangle

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



149, 153, 244



232, 126, 188



152, 169, 75



36, 182, 134

Sweetspot

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



149, 153, 244



224, 226, 255



149, 244, 239



110, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 153, 244



135, 140, 255



192, 149, 244



110, 111, 122



0, 8, 186



0, 2, 59

Inverse Universe

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



244, 149, 153



255, 135, 140



201, 244, 149



122, 110, 111



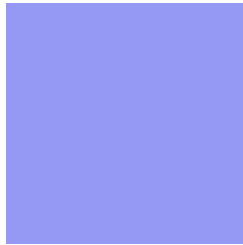
186, 0, 8



59, 0, 2

Previews

White Background



This preview shows how the RGB color 149, 153, 244 looks on a white background.

Color Contrast Check

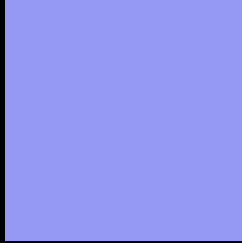
Large Text (above 18pt) WCAG AA × Fail

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 149, 153, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

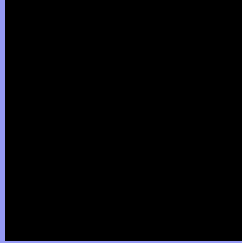
Any Text WCAG AA ✓ Pass

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 149, 153, 244 Background



This preview shows how black text looks on a background with the RGB color 149, 153, 244.



This preview shows how white text looks on a background with the RGB color 149, 153, 244.

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
149, 153, 244

Protanopia
128, 158, 248

Deuteranopia
123, 160, 242



Tritanopia
133, 166, 180

Trichromacy



Original Color
149, 153, 244

Protanomaly
136, 156, 247

Deuteranomaly
132, 157, 243

Tritanomaly
139, 161, 203

Monochromacy



Original Color
149, 153, 244

Achromatopsia
162, 162, 162

Achromatomaly
157, 159, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 153, 244 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(149, 153, 244)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 244)  
}
```

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(149, 153, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 244) }
```

Border

The CSS property to change the border of an element to RGB 149, 153, 244 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(149, 153, 244) }
```

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

```
.border{ border-color:rgb(149, 153, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 153, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 244);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 149, 153, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 244) }
```

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

```
.background{ background-color: rgb(149,  
153, 244) }
```

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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