

Converting Colors

RGB(149, 149, 202)

Have a look what the booklet for
RGB(149, 149, 202) contains.

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Color

RGB(149, 149, 202)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9595CA |
| RGB | 149, 149, 202 |
| RGB Percent | 58%, 58%, 79% |
| CMY | 0.4157, 0.4157, 0.2078 |
| CMYK | 0.26, 0.26, 0.00, 0.21 |
| HSL | 240°, 33%, 69% |
| HSV | 240°, 26%, 79% |
| XYZ | 33.8025, 32.1487, 60.3009 |
| YIQ | 155.0420, -17.0130, 16.4830 |

Conversions

Conversions Part 2

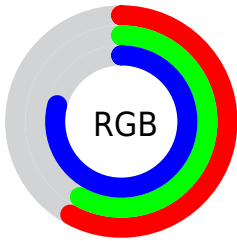
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 149, 149, 202 |
| Decimal | 9803210 |
| CIE Lab | 63.47, 11.72, -27.23 |
| CIE LCh | 63, 29.649, 293.292 |
| Yxy | 32.1487, 0.2677, 0.2546 |
| Android (android.graphics.Color) | 4287993290 (0xFF9595CA) |
| YUV | 155.0420, 23.1503, -5.2988 |
| Hunter-Lab | 56.6998, 7.1910, -23.3656 |

Details

The RGB color **149, 149, 202** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **202, 202, 149**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **204, 203, 255**, and **97, 98, 148** is the 20% darker color. If you saturate the color by 10%, you get **129, 129, 202**, and if you desaturate by 10%, it is **169, 169, 202**.

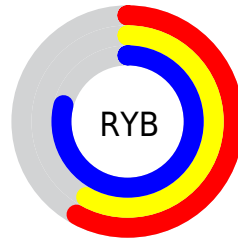
Distribution



Red (58%)

Green (58%)

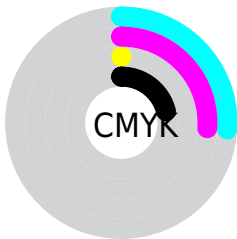
Blue (79%)



Red (58%)

Yellow (58%)

Blue (79%)

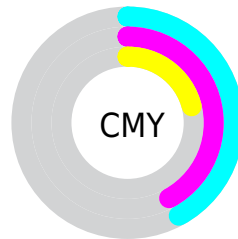


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (21%)



Cyan (42%)

Magenta (42%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 149, 202 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, 149, 202 by changing the saturation by 10% instead.

 149, 149, 202

 149, 149, 202

255, 255, 255

 123, 123, 174


 204, 203, 255


 97, 98, 148

 232, 231, 255

 72, 75, 122

 47, 52, 97

 23, 31, 73


 0, 7, 50

 0, 2, 28

 0, 0, 0

 149, 149, 202

 149, 149, 202

 129, 129, 202

 169, 169, 202

 109, 109, 202

 189, 189, 202

 88, 88, 202

 210, 210, 202

 68, 68, 202

 230, 230, 202

 48, 48, 202

 250, 250, 202

 28, 28, 202

 255, 255, 202

 8, 8, 202

 0, 0, 202

Harmonies

Analogous

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



109, 158, 206



149, 149, 202



182, 140, 186

Triad

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



149, 149, 202



197, 141, 112



89, 168, 147

Complementary

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



149, 149, 202



202, 202, 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.



120, 165, 121



149, 149, 202



177, 150, 101

Square

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



149, 149, 202



206, 135, 134



151, 158, 105



66, 168, 174

Rectangle

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



149, 149, 202



196, 136, 170



151, 158, 105



99, 167, 138

Sweetspot

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



149, 149, 202



235, 235, 255



149, 202, 202



115, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 149, 202



176, 176, 255



176, 149, 202



92, 92, 102



0, 0, 166



0, 0, 38

Inverse Universe

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



202, 149, 202



255, 176, 255



176, 202, 149



102, 92, 102



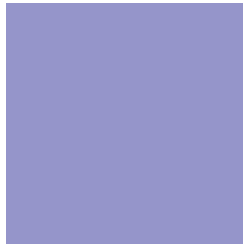
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 149, 149, 202 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, 149, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

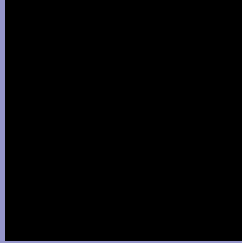
Any Text WCAG AA ✓ Pass

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, 149, 202 Background



This preview shows how black text looks on a background with the RGB color 149, 149, 202.



This preview shows how white text looks on a background with the RGB color 149, 149, 202.

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, 149, 202

Protanopia
139, 152, 204

Deuteranopia
142, 151, 202



Tritanopia

142, 155, 168

Trichromacy



Original Color

149, 149, 202

Protanomaly

143, 151, 203

Deuteranomaly

145, 150, 202

Tritanomaly

145, 153, 180

Monochromacy



Original Color

149, 149, 202

Achromatopsia

155, 155, 155

Achromatomaly

153, 153, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 149, 202 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, 149, 202)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 202)  
}
```

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, 149, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 202) }
```

Border

The CSS property to change the border of an element to RGB 149, 149, 202 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, 149, 202) }
```

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

```
.border{ border-color:rgb(149, 149, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 149, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 202);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 149, 149, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 202) }
```

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

```
.background{ background-color: rgb(149,  
149, 202) }
```

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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