

Converting Colors

RGB(149, 133, 193)

Have a look what the booklet for
RGB(149, 133, 193) contains.

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Color

RGB(149, 133, 193)

Conversions

Conversions Part 1

Format	Color
Hex	9585C1
RGB	149, 133, 193
RGB Percent	58%, 52%, 76%
CMY	0.4157, 0.4784, 0.2431
CMYK	0.23, 0.31, 0.00, 0.24
HSL	256°, 33%, 64%
HSV	256°, 31%, 76%
XYZ	30.4076, 27.0149, 54.0638
YIQ	144.6240, -9.7240, 22.0520

Conversions

Conversions Part 2

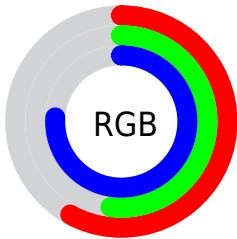
Format	Color
R_{YB}	149, 133, 193
Decimal	9799105
CIE _{Lab}	58.99, 18.74, -29.08
CIE _{LCh}	59, 34.599, 302.801
Yxy	27.0149, 0.2727, 0.2423
Android (android.graphics.Color)	4287989185 (0xFF9585C1)
YUV	144.6240, 23.8494, 3.8378
Hunter-Lab	51.9758, 13.4707, -25.2887

Details

The RGB color **149, 133, 193** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **177, 193, 133**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **204, 186, 250**, and **97, 83, 139** is the 20% darker color. If you saturate the color by 10%, you get **135, 114, 193**, and if you desaturate by 10%, it is **163, 152, 193**.

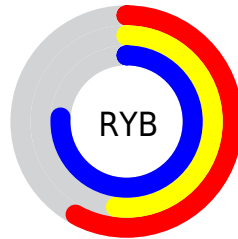
Distribution



Red (58%)

Green (52%)

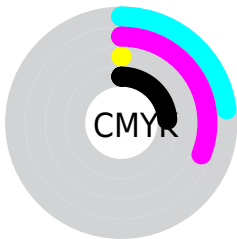
Blue (76%)



Red (58%)

Yellow (52%)

Blue (76%)

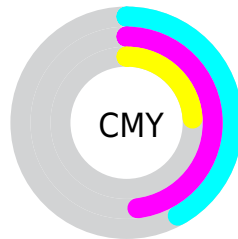


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (48%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RGB color 149, 133, 193 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, 133, 193 by changing the saturation by 10% instead.

 149, 133, 193

 149, 133, 193

255, 255, 255

 123, 108, 166


 204, 186, 250

 97, 83, 139

 232, 214, 255

 72, 60, 113

 255, 242, 255


 48, 38, 89

 24, 18, 65

 0, 0, 43

 0, 1, 21


 0, 0, 0

 149, 133, 193

 149, 133, 193


 135, 114, 193

 163, 152, 193

 121, 94, 193

 177, 172, 193

 107, 75, 193


 191, 191, 193

 92, 56, 193


 206, 210, 193

 78, 37, 193

 220, 230, 193

 64, 17, 193

 234, 249, 193

 51, 0, 193

 248, 255, 193

 255, 255, 193

Harmonies

Analogous

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



101, 144, 202



149, 133, 193



182, 123, 170

Triad

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



149, 133, 193



184, 130, 89



44, 158, 144

Complementary

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



149, 133, 193



177, 193, 133

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.



90, 156, 113



149, 133, 193



159, 141, 81

Square

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



149, 133, 193



199, 121, 111



127, 150, 90



0, 157, 174

Rectangle

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



149, 133, 193



196, 119, 151



127, 150, 90



61, 158, 133

Sweetspot

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



149, 133, 193



233, 227, 250



133, 177, 193



115, 111, 125



252, 252, 252



125, 125, 125

Same Dimension

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



149, 133, 193



182, 157, 250



179, 133, 193



90, 87, 97



43, 0, 161



9, 0, 33

Inverse Universe

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



193, 133, 177



250, 157, 225



147, 193, 133



97, 87, 94



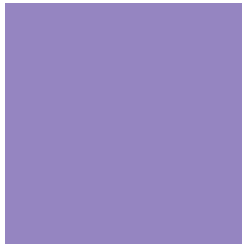
161, 0, 118



33, 0, 24

Previews

White Background



This preview shows how the RGB color 149, 133, 193 looks on a white background.

Color Contrast Check

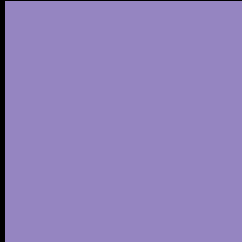
Large Text (above 18pt) WCAG AA ✓ Pass

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, 133, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

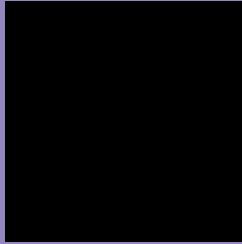
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 149, 133, 193 Background



This preview shows how black text looks on a background with the RGB color 149, 133, 193.

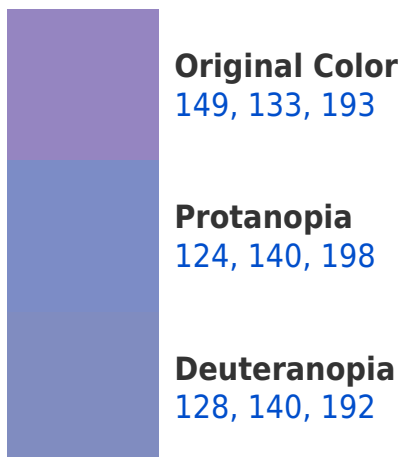



This preview shows how white text looks on a background with the RGB color 149, 133, 193.

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





Tritanopia

141, 141, 152

Trichromacy



Original Color
149, 133, 193

Protanomaly
133, 137, 196

Deuteranomaly
136, 137, 192

Tritanomaly
144, 138, 167

Monochromacy



Original Color
149, 133, 193

Achromatopsia
145, 145, 145

Achromatomaly
146, 141, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 133, 193 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, 133, 193)` looks like.

```
.text, #text, p{  
    color:rgb(149, 133, 193)  
}
```

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, 133, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 133, 193) }
```

Border

The CSS property to change the border of an element to RGB 149, 133, 193 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, 133, 193) }
```

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

```
.border{ border-color:rgb(149, 133, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 133, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 133, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 133, 193);  
box-shadow:4px 4px 4px 4px rgb(149, 133,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 149, 133, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 133, 193) }
```

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

```
.background{ background-color: rgb(149,  
133, 193) }
```

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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