

Converting Colors

RGB(149, 116, 229)

Have a look what the booklet for
RGB(149, 116, 229) contains.

RGB(149, 116, 229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(149, 116, 229)

Conversions

Conversions Part 1

Format	Color
Hex	9574E5
RGB	149, 116, 229
RGB Percent	58%, 45%, 90%
CMY	0.4157, 0.5451, 0.1020
CMYK	0.35, 0.49, 0.00, 0.10
HSL	258°, 68%, 68%
HSV	258°, 49%, 90%
XYZ	32.7827, 24.5375, 77.1371
YIQ	138.7490, -16.6050, 42.1390

Conversions

Conversions Part 2

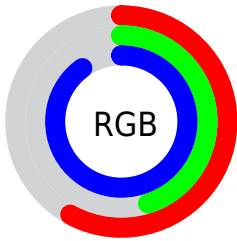
Format	Color
R_{YB}	149, 116, 229
Decimal	9794789
CIE _{Lab}	56.62, 37.62, -53.08
CIE _{LCh}	57, 65.062, 305.328
Yxy	24.5375, 0.2438, 0.1825
Android (android.graphics.Color)	4287984869 (0xFF9574E5)
YUV	138.7490, 44.4937, 8.9901
Hunter-Lab	49.5353, 31.4452, -57.6525

Details

The RGB color **149, 116, 229** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **196, 229, 116**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **206, 169, 255**, and **93, 67, 173** is the 20% darker color. If you saturate the color by 10%, you get **133, 93, 229**, and if you desaturate by 10%, it is **165, 139, 229**.

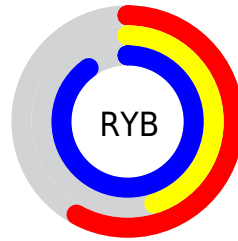
Distribution



Red (58%)

Green (45%)

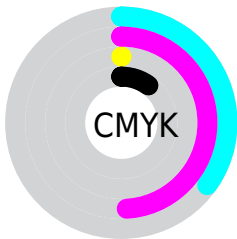
Blue (90%)



Red (58%)

Yellow (45%)

Blue (90%)

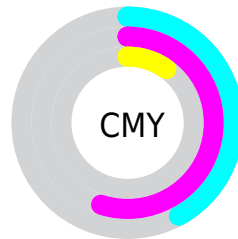


Cyan (35%)

Magenta (49%)

Yellow (0%)

Black (10%)



Cyan (42%)

Magenta (55%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 116, 229 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, 116, 229 by changing the saturation by 10% instead.

 149, 116, 229

255, 255, 255


 206, 169, 255

 235, 196, 255

 255, 224, 255

 255, 253, 255

 149, 116, 229

 121, 91, 201

 93, 67, 173

 65, 43, 146

 35, 21, 119

 0, 0, 94

 0, 0, 70

 0, 4, 46

 0, 1, 25

 0, 0, 0

■ 149, 116, 229

■ 149, 116, 229

■ 133, 93, 229

■ 165, 139, 229

■ 117, 70, 229

■ 181, 162, 229

■ 100, 47, 229

■ 198, 185, 229

■ 84, 24, 229

■ 214, 208, 229

■ 68, 1, 229

■ 230, 230, 229

■ 67, 0, 229

■ 246, 253, 229

■ 255, 255, 229

Harmonies

Analogous

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



0, 139, 249



149, 116, 229



211, 89, 184

Triad

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



149, 116, 229



199, 115, 22



0, 162, 145

Complementary

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



149, 116, 229



196, 229, 116

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.



0, 159, 86



149, 116, 229



153, 137, 0

Square

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



149, 116, 229



229, 90, 73



94, 151, 30



0, 161, 200

Rectangle

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



149, 116, 229



231, 78, 147



94, 151, 30



0, 161, 125

Sweetspot

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



149, 116, 229



228, 217, 255



116, 197, 229



111, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 116, 229



148, 105, 255



205, 116, 229



107, 103, 115



52, 0, 179



15, 0, 51

Inverse Universe

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



229, 116, 196



255, 105, 211



140, 229, 116



115, 103, 111



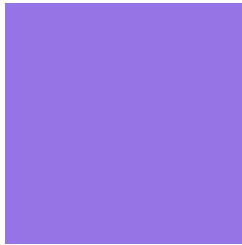
179, 0, 126



51, 0, 36

Previews

White Background



This preview shows how the RGB color 149, 116, 229 looks on a white background.

Color Contrast Check

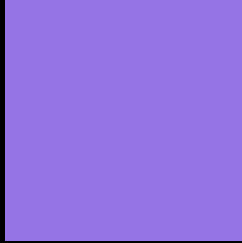
Large Text (above 18pt) WCAG AA ✓ Pass

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, 116, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

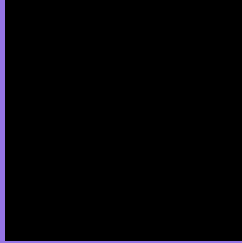
Any Text WCAG AA ✓ Pass

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, 116, 229 Background



This preview shows how black text looks on a background with the RGB color 149, 116, 229.

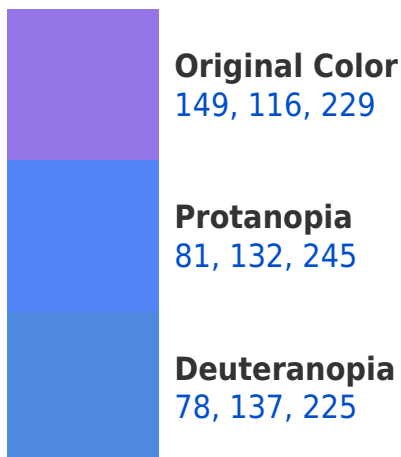


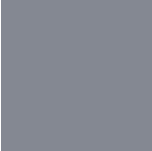
This preview shows how white text looks on a background with the RGB color 149, 116, 229.

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
132, 136, 146

Trichromacy



Original Color
149, 116, 229

Protanomaly
106, 126, 239

Deuteranomaly
104, 129, 226

Tritanomaly
138, 129, 176

Monochromacy



Original Color
149, 116, 229

Achromatopsia
139, 139, 139

Achromatomaly
143, 131, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 116, 229 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, 116, 229)` looks like.

```
.text, #text, p{  
    color:rgb(149, 116, 229)  
}
```

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, 116, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 116, 229) }
```

Border

The CSS property to change the border of an element to RGB 149, 116, 229 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, 116, 229) }
```

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

```
.border{ border-color:rgb(149, 116, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 116, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 116, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 116, 229);  
box-shadow:4px 4px 4px 4px rgb(149, 116,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 149, 116, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 116, 229) }
```

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

```
.background{ background-color: rgb(149,  
116, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor