

Converting Colors

RGB(199, 74, 233)

Have a look what the booklet for
RGB(199, 74, 233) contains.

RGB(199, 74, 233)	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(199, 74, 233)

Conversions

Conversions Part 1

Format	Color
Hex	C74AE9
RGB	199, 74, 233
RGB Percent	78%, 29%, 91%
CMY	0.2196, 0.7098, 0.0863
CMYK	0.15, 0.68, 0.00, 0.09
HSL	287°, 78%, 60%
HSV	287°, 68%, 91%
XYZ	40.7099, 22.9229, 79.3697
YIQ	129.5010, 23.4610, 75.9490

Conversions

Conversions Part 2

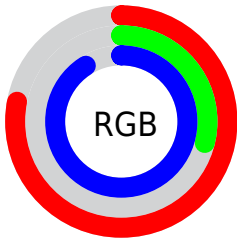
Format	Color
R _{YB}	199, 74, 233
Decimal	13060841
CIE Lab	54.99, 70.89, -57.59
CIE LCh	55, 91.341, 320.910
Yxy	22.9229, 0.2847, 0.1603
Android (android.graphics.Color)	4291250921 (0xFFC74AE9)
YUV	129.5010, 51.0250, 60.9506
Hunter-Lab	47.8778, 67.9902, -64.7738

Details

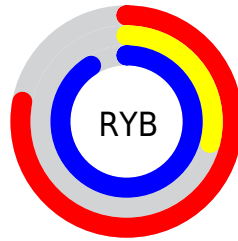
The RGB color **199, 74, 233** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **108, 233, 74**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 132, 255**, and **141, 0, 176** is the 20% darker color. If you saturate the color by 10%, you get **194, 51, 233**, and if you desaturate by 10%, it is **204, 97, 233**.

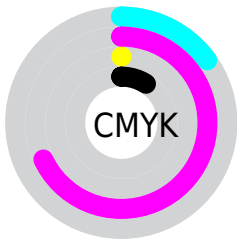
Distribution



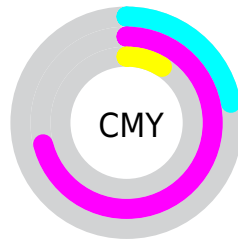
- Red (78%)
- Green (29%)
- Blue (91%)



- Red (78%)
- Yellow (29%)
- Blue (91%)



- Cyan (15%)
- Magenta (68%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (71%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 74, 233 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 199, 74, 233 by changing the saturation by 10% instead.

 199, 74, 233

 199, 74, 233

255, 255, 255

 170, 42, 204

 255, 132, 255

 141, 0, 176

 255, 160, 255

 112, 0, 149

 255, 189, 255

 84, 0, 123

 255, 218, 255

 56, 0, 97

 255, 248, 255

 26, 0, 72

 0, 0, 48

 0, 1, 27

 0, 0, 0

 199, 74, 233

 199, 74, 233


 194, 51, 233

 204, 97, 233


 189, 27, 233


 209, 121, 233

 184, 4, 233

 214, 144, 233

 183, 0, 233

 219, 167, 233

 224, 191, 233

 229, 214, 233

 234, 237, 233

 239, 255, 233

 244, 255, 233

Harmonies

Analogous

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



0, 122, 255



199, 74, 233



255, 0, 159

Triad

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



199, 74, 233



180, 120, 0



0, 164, 186

Complementary

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



199, 74, 233



108, 233, 74

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, 162, 104



199, 74, 233



107, 144, 0

Square

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



199, 74, 233



234, 78, 0



0, 157, 0



0, 161, 255

Rectangle

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



199, 74, 233



255, 0, 107



0, 157, 0



0, 164, 160

Sweetspot

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



199, 74, 233



244, 204, 255



74, 108, 233



121, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 74, 233



210, 46, 255



233, 74, 188



115, 106, 117



142, 0, 181



42, 0, 54

Inverse Universe

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



233, 74, 108



255, 46, 91



74, 233, 119



117, 106, 108



181, 0, 39



54, 0, 11

Previews

White Background



This preview shows how the RGB color 199, 74, 233 looks on a white background.

Color Contrast Check

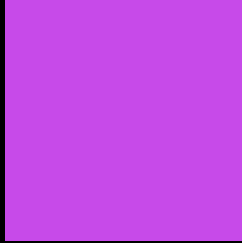
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 74, 233 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 199, 74, 233 Background



This preview shows how black text looks on a background with the RGB color 199, 74, 233.

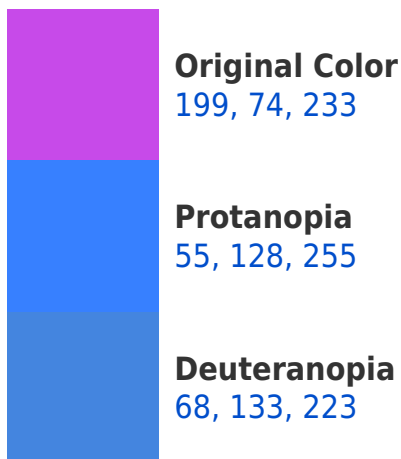


This preview shows how white text looks on a background with the RGB color 199, 74, 233.

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
183, 111, 119

Trichromacy



Original Color
199, 74, 233



Protanomaly
107, 108, 247



Deuteranomaly
116, 112, 227



Tritanomaly
189, 98, 160

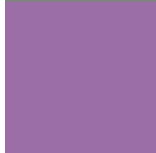
Monochromacy



Original Color
199, 74, 233



Achromatopsia
130, 130, 130



Achromatomaly
155, 110, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 74, 233 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(199, 74, 233) looks like.

```
.text, #text, p{  
    color:rgb(199, 74, 233)  
}
```

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(199, 74, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 74, 233) }
```

Border

The CSS property to change the border of an element to RGB 199, 74, 233 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(199, 74, 233) }
```

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

```
.border{ border-color:rgb(199, 74, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 74, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 74, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 74, 233);  
box-shadow:4px 4px 4px 4px rgb(199, 74,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 199, 74, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 74, 233) }
```

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

```
.background{ background-color: rgb(199, 74,  
233) }
```

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