

Converting Colors

RGB(179, 73, 242)

Have a look what the booklet for
RGB(179, 73, 242) contains.

RGB(179, 73, 242)	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(179, 73, 242)

Conversions

Conversions Part 1

Format	Color
Hex	B349F2
RGB	179, 73, 242
RGB Percent	70%, 29%, 95%
CMY	0.2980, 0.7137, 0.0510
CMYK	0.26, 0.70, 0.00, 0.05
HSL	278°, 87%, 62%
HSV	278°, 70%, 95%
XYZ	37.0000, 20.7596, 86.0613
YIQ	123.9600, 8.9270, 75.0310

Conversions

Conversions Part 2

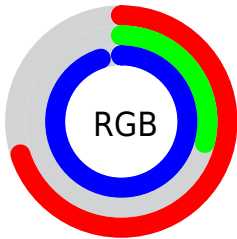
Format	Color
R_{YB}	179, 73, 242
Decimal	11749874
CIE _{Lab}	52.69, 69.02, -66.49
CIE _{LCh}	53, 95.844, 316.069
Yxy	20.7596, 0.2573, 0.1443
Android (android.graphics.Color)	4289939954 (0xFFB349F2)
YUV	123.9600, 58.1937, 48.2701
Hunter-Lab	45.5627, 65.2192, -80.0963

Details

The RGB color **179, 73, 242** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed purple. A complement of this color would be **136, 242, 73**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **239, 129, 255**, and **121, 0, 185** is the 20% darker color. If you saturate the color by 10%, you get **170, 49, 242**, and if you desaturate by 10%, it is **188, 97, 242**.

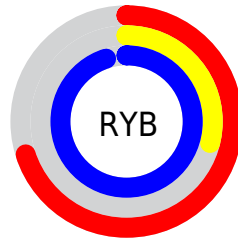
Distribution



Red (70%)

Green (29%)

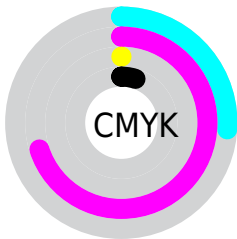
Blue (95%)



Red (70%)

Yellow (29%)

Blue (95%)

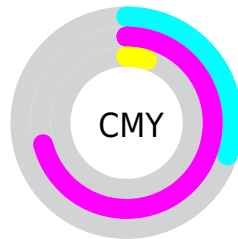


Cyan (26%)

Magenta (70%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (71%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 73, 242 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 179, 73, 242 by changing the saturation by 10% instead.


 179, 73, 242

 179, 73, 242


255, 255, 255

 150, 42, 213

 239, 129, 255

 121, 0, 185

 255, 158, 255

 91, 0, 157

 255, 186, 255

 61, 0, 130

 255, 215, 255

 29, 0, 104


 255, 245, 255


 0, 0, 79

 0, 5, 55

 0, 2, 33


 0, 0, 5

 179, 73, 242

 179, 73, 242


 170, 49, 242

 188, 97, 242

 161, 25, 242


 197, 121, 242

 152, 0, 242

 206, 146, 242


 152, 0, 242

 215, 170, 242

 224, 194, 242

 233, 218, 242

 242, 242, 242

 251, 255, 242

 255, 255, 242

Harmonies

Analogous

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



0, 122, 255



179, 73, 242



248, 0, 168

Triad

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



179, 73, 242



184, 108, 0



0, 158, 170

Complementary

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



179, 73, 242



136, 242, 73

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, 156, 83



179, 73, 242



112, 136, 0

Square

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



179, 73, 242



237, 56, 0



0, 150, 0



0, 157, 245

Rectangle

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



179, 73, 242



255, 0, 113



0, 150, 0



0, 158, 141

Sweetspot

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



179, 73, 242



235, 201, 255



73, 138, 242



116, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



179, 73, 242



175, 41, 255



242, 73, 222



115, 108, 120



115, 0, 184



35, 0, 56

Inverse Universe

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



242, 73, 136



255, 41, 121



73, 242, 93



120, 108, 112



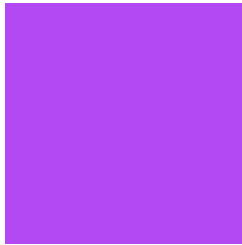
184, 0, 68



56, 0, 21

Previews

White Background



This preview shows how the RGB color 179, 73, 242 looks on a white background.

Color Contrast Check

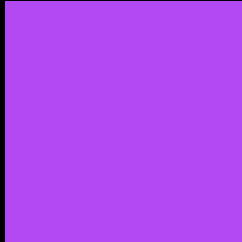
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 73, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

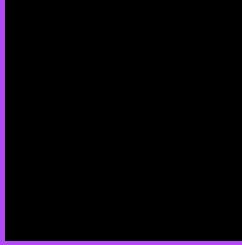
Any Text WCAG AA ✓ Pass

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 179, 73, 242 Background



This preview shows how black text looks on a background with the RGB color 179, 73, 242.

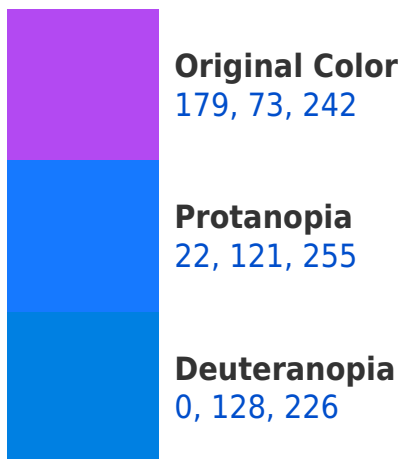



This preview shows how white text looks on a background with the RGB color 179, 73, 242.

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
159, 113, 122

Trichromacy



Original Color

179, 73, 242



Protanomaly

79, 104, 250



Deuteranomaly

65, 108, 232



Tritanomaly

166, 98, 166

Monochromacy



Original Color

179, 73, 242



Achromatopsia

124, 124, 124



Achromatomaly

144, 105, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 73, 242 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(179, 73, 242)` looks like.

```
.text, #text, p{  
    color:rgb(179, 73, 242)  
}
```

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(179, 73, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 73, 242) }
```

Border

The CSS property to change the border of an element to RGB 179, 73, 242 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(179, 73, 242) }
```

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

```
.border{ border-color:rgb(179, 73, 242) }
```

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

Here you see how a box with a 4 pixel rgb(179, 73, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 73, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 73, 242);  
box-shadow:4px 4px 4px 4px rgb(179, 73,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 179, 73, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 73, 242) }
```

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

```
.background{ background-color: rgb(179, 73,  
242) }
```

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