

# Converting Colors

RGB(179, 102, 232)

Have a look what the booklet for  
RGB(179, 102, 232) contains.

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# Color

**RGB(179, 102, 232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B366E8
RGB	179, 102, 232
RGB Percent	70%, 40%, 91%
CMY	0.2980, 0.6000, 0.0902
CMYK	0.23, 0.56, 0.00, 0.09
HSL	276°, 74%, 65%
HSV	276°, 56%, 91%
XYZ	37.9073, 24.9126, 79.1546
YIQ	139.8430, 4.1620, 56.7540

# Conversions

## Conversions Part 2

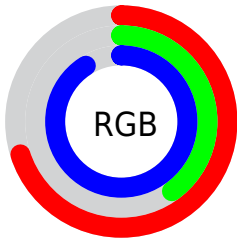
Format	Color
R <sub>Y</sub> B	179, 102, 232
Decimal	11757288
CIE Lab	56.99, 53.43, -53.99
CIE LCh	57, 75.956, 314.702
Yxy	24.9126, 0.2670, 0.1755
Android (android.graphics.Color)	4289947368 (0xFFB366E8)
YUV	139.8430, 45.4334, 34.3407
Hunter-Lab	49.9126, 48.2190, -59.0872

# Details

The RGB color **179, 102, 232** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **155, 232, 102**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **237, 156, 255**, and **123, 49, 176** is the 20% darker color. If you saturate the color by 10%, you get **170, 79, 232**, and if you desaturate by 10%, it is **188, 125, 232**.

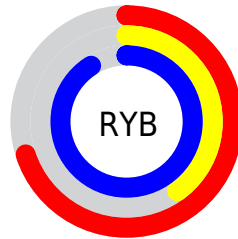
# Distribution



Red (70%)

Green (40%)

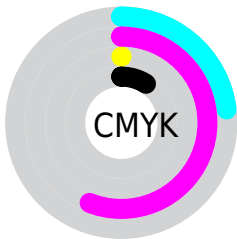
Blue (91%)



Red (70%)

Yellow (40%)

Blue (91%)

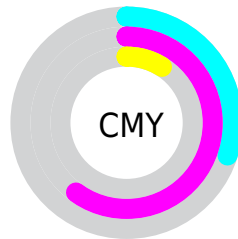


Cyan (23%)

Magenta (56%)

Yellow (0%)

Black (9%)



Cyan (30%)

Magenta (60%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 179, 102, 232 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, 102, 232 by changing the saturation by 10% instead.



 179, 102, 232

255, 255, 255


 237, 156, 255

 255, 184, 255

 255, 212, 255

 255, 241, 255

 179, 102, 232

 151, 76, 203

 123, 49, 176

 95, 20, 148

 67, 0, 122

 39, 0, 96

 7, 0, 72

 0, 4, 48


 0, 1, 26


 0, 0, 0

 179, 102, 232


 179, 102, 232

 170, 79, 232

 188, 125, 232

 160, 56, 232

 198, 148, 232

 151, 32, 232

 207, 172, 232

 141, 9, 232

 217, 195, 232

 137, 0, 232

 226, 218, 232

 236, 241, 232

 245, 255, 232

 255, 255, 232

 255, 255, 232

# Harmonies

## Analogous

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



0, 134, 255



179, 102, 232



237, 66, 173

# Triad

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



179, 102, 232



193, 121, 0



0, 166, 169

# Complementary

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



179, 102, 232



155, 232, 102

# 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, 164, 99



179, 102, 232



135, 144, 0

# Square

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



179, 102, 232



234, 89, 44



49, 157, 26



0, 164, 229

# Rectangle

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



179, 102, 232



251, 56, 129



49, 157, 26



0, 166, 146



# Sweetspot

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



179, 102, 232



237, 212, 255



102, 156, 232



117, 102, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



179, 102, 232



185, 84, 255



232, 102, 221



110, 103, 115



106, 0, 179



30, 0, 51



# Inverse Universe

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



232, 102, 155



255, 84, 154



102, 232, 113



115, 103, 108



179, 0, 73

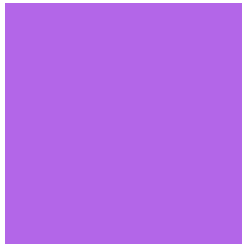


51, 0, 21



# Previews

## White Background



This preview shows how the RGB color 179, 102, 232 looks on a white background.

## Color Contrast Check

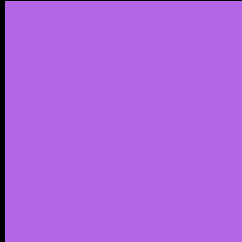
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

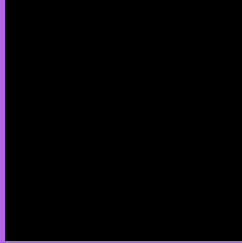
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 179, 102, 232 Background



This preview shows how black text looks on a background with the RGB color 179, 102, 232.

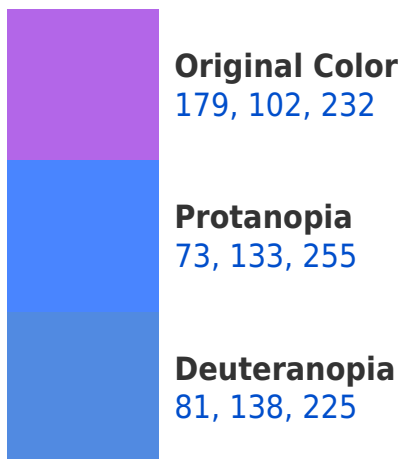


This preview shows how white text looks on a background with the RGB color 179, 102, 232.

# 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**  
163, 127, 137

# Trichromacy



**Original Color**

179, 102, 232



**Protanomaly**

112, 122, 247



**Deuteranomaly**

117, 125, 228



**Tritanomaly**

169, 118, 172

# Monochromacy



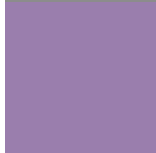
**Original Color**

179, 102, 232



**Achromatopsia**

140, 140, 140



**Achromatomaly**

154, 126, 173

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 179, 102, 232 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, 102, 232)` looks like.

```
.text, #text, p{  
    color:rgb(179, 102, 232)  
}
```

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, 102, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 102, 232) }
```

## Border

The CSS property to change the border of an element to RGB 179, 102, 232 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, 102, 232) }
```

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

```
.border{ border-color:rgb(179, 102, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 102, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 102, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 102, 232); box-shadow:4px 4px 4px 4px rgb(179, 102, 232) }
```

# Background

The CSS property to change the background color of an element to RGB 179, 102, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 102, 232) }
```

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

```
.background{ background-color: rgb(179,  
102, 232) }
```

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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