

Converting Colors

RGB(173, 37, 249)

Have a look what the booklet for
RGB(173, 37, 249) contains.

RGB(173, 37, 249)	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(173, 37, 249)

Conversions

Conversions Part 1

Format	Color
Hex	AD25F9
RGB	173, 37, 249
RGB Percent	68%, 15%, 98%
CMY	0.3216, 0.8549, 0.0235
CMYK	0.31, 0.85, 0.00, 0.02
HSL	278°, 95%, 56%
HSV	278°, 85%, 98%
XYZ	34.9940, 17.0469, 91.0685
YIQ	101.8320, 13.0040, 94.7640

Conversions

Conversions Part 2

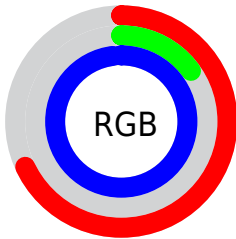
Format	Color
RYB	173, 37, 249
Decimal	11347449
CIELab	48.32, 81.12, -77.54
CIELCh	48, 112.223, 316.293
Yxy	17.0469, 0.2445, 0.1191
Android (android.graphics.Color)	4289537529 (0xFFAD25F9)
YUV	101.8320, 72.5538, 62.4143
Hunter-Lab	41.2879, 79.0358, -101.8741

Details

The RGB color **173, 37, 249** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **113, 249, 37**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **234, 103, 255**, and **112, 0, 191** is the 20% darker color. If you saturate the color by 10%, you get **164, 12, 249**, and if you desaturate by 10%, it is **182, 62, 249**.

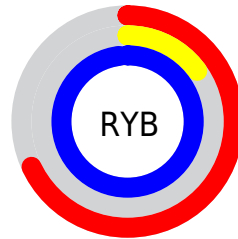
Distribution



Red (68%)

Green (15%)

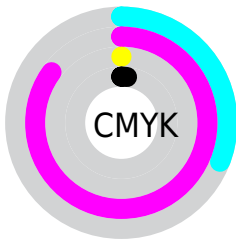
Blue (98%)



Red (68%)

Yellow (15%)

Blue (98%)

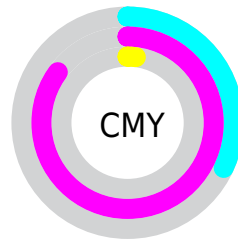


Cyan (31%)

Magenta (85%)

Yellow (0%)

Black (2%)



Cyan (32%)

Magenta (85%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 37, 249 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 173, 37, 249 by changing the saturation by 10% instead.



173, 37, 249



173, 37, 249

255, 255, 255



143, 0, 220



234, 103, 255



112, 0, 191



255, 132, 255



81, 0, 163



255, 162, 255



47, 0, 136



255, 191, 255



0, 0, 110



255, 220, 255



0, 0, 84



255, 250, 255



0, 6, 60



0, 2, 37



0, 1, 13

■ 173, 37, 249

■ 173, 37, 249

■ 164, 12, 249

■ 182, 62, 249

■ 160, 0, 249

■ 191, 87, 249

■ 200, 112, 249

■ 209, 137, 249

■ 218, 162, 249

■ 227, 186, 249

■ 235, 211, 249

■ 244, 236, 249

■ 253, 255, 249

Harmonies

Analogous

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



0, 112, 255



173, 37, 249



253, 0, 162

Triad

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



173, 37, 249



175, 94, 0



0, 149, 166

Complementary

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



173, 37, 249



113, 249, 37

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, 146, 65



173, 37, 249



91, 126, 0

Square

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



173, 37, 249



236, 0, 0



0, 141, 0



0, 149, 254

Rectangle

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



173, 37, 249



255, 0, 100



0, 141, 0



0, 148, 133

Sweetspot

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



173, 37, 249



231, 189, 255



37, 115, 249



113, 88, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 37, 249



164, 0, 255



249, 37, 221



120, 112, 125



121, 0, 189



39, 0, 61

Inverse Universe

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



249, 37, 113



255, 0, 91



37, 249, 65



125, 112, 117



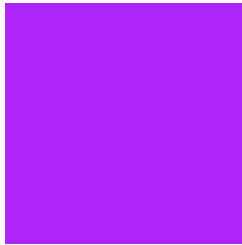
189, 0, 68



61, 0, 22

Previews

White Background



This preview shows how the RGB color 173, 37, 249 looks on a white background.

Color Contrast Check

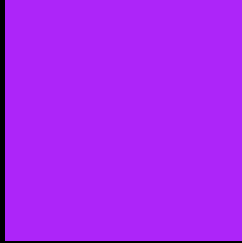
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 173, 37, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

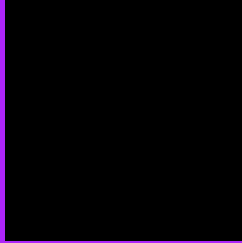
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 173, 37, 249 Background



This preview shows how black text looks on a background with the RGB color 173, 37, 249.

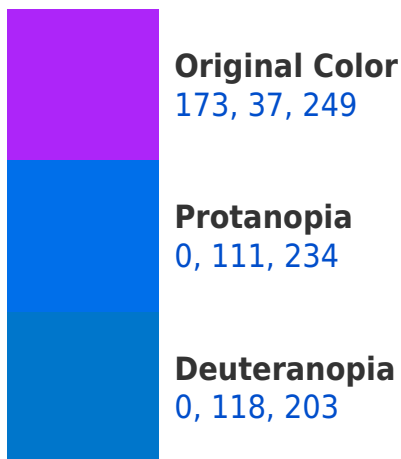



This preview shows how white text looks on a background with the RGB color 173, 37, 249.

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
149, 102, 109

Trichromacy



Original Color

173, 37, 249



Protanomaly

63, 84, 239



Deuteranomaly

63, 89, 220



Tritanomaly

158, 78, 160

Monochromacy



Original Color

173, 37, 249



Achromatopsia

102, 102, 102



Achromatomaly

128, 78, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 37, 249 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(173, 37, 249)` looks like.

```
.text, #text, p{  
    color:rgb(173, 37, 249)  
}
```

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(173, 37, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 37, 249) }
```

Border

The CSS property to change the border of an element to RGB 173, 37, 249 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(173, 37, 249) }
```

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

```
.border{ border-color:rgb(173, 37, 249) }
```

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

Here you see how a box with a 4 pixel rgb(173, 37, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 37, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 37, 249);  
box-shadow:4px 4px 4px 4px rgb(173, 37,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 173, 37, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 37, 249) }
```

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

```
.background{ background-color: rgb(173, 37,  
249) }
```

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