

Converting Colors

RGB(171, 3, 249)

Have a look what the booklet for
RGB(171, 3, 249) contains.

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Color

RGB(171, 3, 249)

Conversions

Conversions Part 1

Format	Color
Hex	AB03F9
RGB	171, 3, 249
RGB Percent	67%, 1%, 98%
CMY	0.3294, 0.9882, 0.0235
CMYK	0.31, 0.99, 0.00, 0.02
HSL	281°, 98%, 49%
HSV	281°, 99%, 98%
XYZ	33.9260, 15.5626, 90.8383
YIQ	81.2760, 21.1620, 112.1220

Conversions

Conversions Part 2

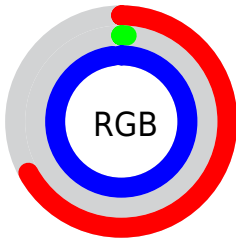
Format	Color
R_{YB}	171, 3, 249
Decimal	11207673
CIE _{Lab}	46.40, 85.73, -80.70
CIE _{LCh}	46, 117.740, 316.732
Yxy	15.5626, 0.2418, 0.1109
Android (android.graphics.Color)	4289397753 (0xFFAB03F9)
YUV	81.2760, 82.6879, 78.6879
Hunter-Lab	39.4495, 84.4711, -108.9095

Details

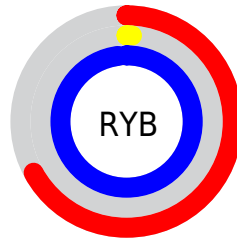
The RGB color **171, 3, 249** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **81, 249, 3**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **232, 90, 255**, and **110, 0, 191** is the 20% darker color. If you saturate the color by 10%, you get **170, 0, 249**, and if you desaturate by 10%, it is **179, 28, 249**.

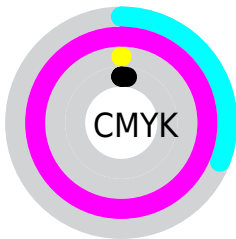
Distribution



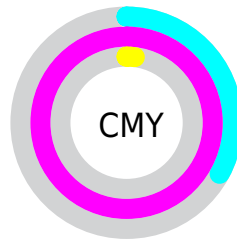
- Red (67%)
- Green (1%)
- Blue (98%)



- Red (67%)
- Yellow (1%)
- Blue (98%)



- Cyan (31%)
- Magenta (99%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (99%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 3, 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 171, 3, 249 by changing the saturation by 10% instead.



171, 3, 249



171, 3, 249

255, 255, 255



140, 0, 220



232, 90, 255



110, 0, 191



255, 121, 255



78, 0, 163



255, 151, 255



42, 0, 136



255, 180, 255



0, 0, 109



255, 210, 255



0, 0, 84



255, 240, 255



0, 6, 59



0, 2, 37



0, 1, 13

■ 171, 3, 249

■ 171, 3, 249

■ 170, 0, 249

■ 179, 28, 249

■ 187, 53, 249

■ 195, 78, 249

■ 203, 103, 249

■ 210, 127, 249

■ 218, 152, 249

■ 226, 177, 249

■ 234, 202, 249

■ 242, 227, 249

Harmonies

Analogous

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



0, 107, 255



171, 3, 249



253, 0, 158

Triad

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



171, 3, 249



170, 89, 0



0, 144, 165

Complementary

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



171, 3, 249



81, 249, 3

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, 141, 60



171, 3, 249



80, 122, 0

Square

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



171, 3, 249



233, 0, 0



0, 136, 0



0, 145, 255

Rectangle

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



171, 3, 249



255, 0, 94



0, 136, 0



0, 143, 131

Sweetspot

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



171, 3, 249



231, 179, 255



3, 85, 249



113, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 3, 249



174, 0, 255



249, 3, 208



121, 112, 125



129, 0, 189



42, 0, 61

Inverse Universe

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



249, 3, 81



255, 0, 81



3, 249, 44



125, 112, 116



189, 0, 60



61, 0, 19

Previews

White Background



This preview shows how the RGB color 171, 3, 249 looks on a white background.

Color Contrast Check

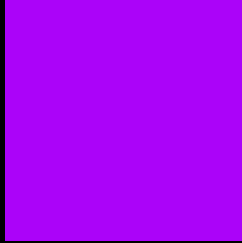
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 3, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

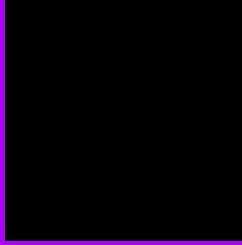
Any Text WCAG AA ✗ Fail

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 171, 3, 249 Background



This preview shows how black text looks on a background with the RGB color 171, 3, 249.

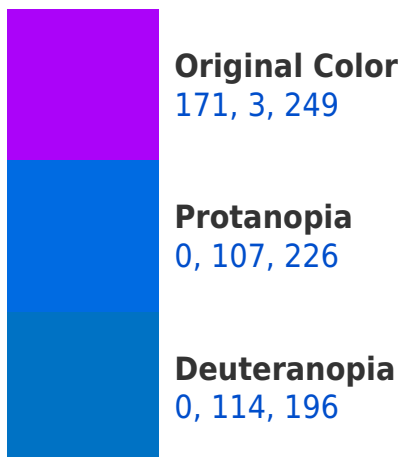



This preview shows how white text looks on a background with the RGB color 171, 3, 249.

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
146, 97, 105

Trichromacy



Original Color

171, 3, 249



Protanomaly

62, 69, 234



Deuteranomaly

62, 74, 215



Tritanomaly

155, 63, 157

Monochromacy



Original Color

171, 3, 249



Achromatopsia

81, 81, 81



Achromatomaly

114, 53, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 3, 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(171, 3, 249)` looks like.

```
.text, #text, p{  
    color:rgb(171, 3, 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(171, 3, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 3, 249) }
```

Border

The CSS property to change the border of an element to RGB 171, 3, 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(171, 3, 249) }
```

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

```
.border{ border-color:rgb(171, 3, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 3, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 3, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 3, 249);  
box-shadow:4px 4px 4px 4px rgb(171, 3,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 171, 3, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 3, 249) }
```

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

```
.background{ background-color: rgb(171, 3,  
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](#).

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