

Converting Colors

RGB(229, 0, 249)

Have a look what the booklet for
RGB(229, 0, 249) contains.

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Color

RGB(229, 0, 249)

Conversions

Conversions Part 1

Format	Color
Hex	E500F9
RGB	229, 0, 249
RGB Percent	90%, 0%, 98%
CMY	0.1020, 1.0000, 0.0235
CMYK	0.08, 1.00, 0.00, 0.02
HSL	295°, 100%, 49%
HSV	295°, 100%, 98%
XYZ	49.4120, 23.4976, 91.5537
YIQ	96.8570, 56.5550, 125.9870

Conversions

Conversions Part 2

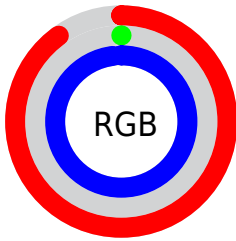
Format	Color
R_{YB}	229, 0, 249
Decimal	15007993
CIE _{Lab}	55.58, 93.50, -65.36
CIE _{LCh}	56, 114.076, 325.047
Yxy	23.4976, 0.3004, 0.1429
Android (android.graphics.Color)	4293198073 (0xFFE500F9)
YUV	96.8570, 75.0065, 115.8894
Hunter-Lab	48.4743, 97.1229, -78.0494

Details

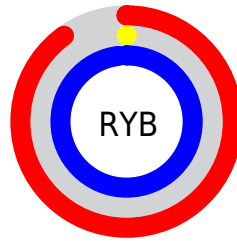
The RGB color **229, 0, 249** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **20, 249, 0**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **255, 100, 255**, and **168, 0, 191** is the 20% darker color. If you saturate the color by 10%, you get **229, 0, 249**, and if you desaturate by 10%, it is **231, 25, 249**.

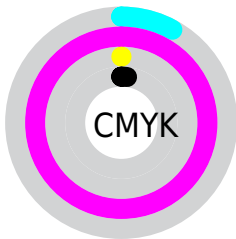
Distribution



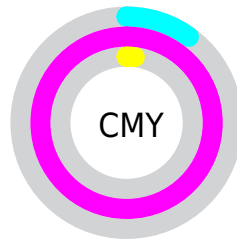
- Red (90%)
- Green (0%)
- Blue (98%)



- Red (90%)
- Yellow (0%)
- Blue (98%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)




















- Cyan (10%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 0, 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 229, 0, 249 by changing the saturation by 10% instead.

 229, 0, 249	 229, 0, 249
 255, 255, 255	 198, 0, 220
 255, 100, 255	 168, 0, 191
 255, 133, 255	 138, 0, 164
 255, 164, 255	 108, 0, 137
 255, 194, 255	 79, 0, 110
 255, 225, 255	 49, 0, 85
	 11, 0, 60
	 0, 2, 37
	 0, 1, 14

■ 229, 0, 249

■ 231, 25, 249

■ 233, 50, 249

■ 235, 75, 249

■ 237, 100, 249

■ 239, 125, 249

■ 241, 149, 249

■ 243, 174, 249

■ 245, 199, 249

■ 247, 224, 249

Harmonies

Analogous

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



0, 115, 255



229, 0, 249



255, 0, 154

Triad

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



229, 0, 249



176, 124, 0



0, 171, 216

Complementary

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



229, 0, 249



20, 249, 0

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, 169, 113



229, 0, 249



76, 151, 0

Square

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



229, 0, 249



247, 67, 0



0, 163, 0



0, 168, 255

Rectangle

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



229, 0, 249



255, 0, 90



0, 163, 0



0, 170, 183

Sweetspot

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



229, 0, 249



249, 179, 255



0, 21, 249



124, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 0, 249



235, 0, 255



249, 0, 145



124, 112, 125



174, 0, 189



56, 0, 61

Inverse Universe

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



249, 0, 20



255, 0, 20



0, 249, 104



125, 112, 113



189, 0, 15



61, 0, 5

Previews

White Background



This preview shows how the RGB color 229, 0, 249 looks on a white background.

Color Contrast Check

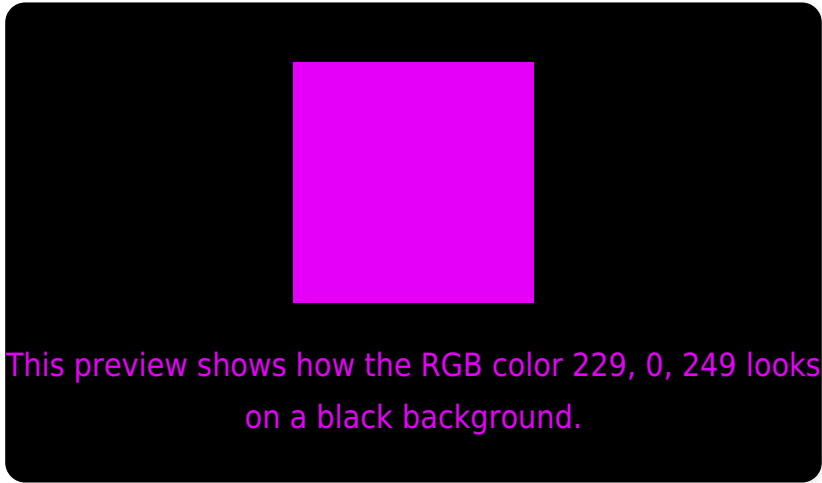
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

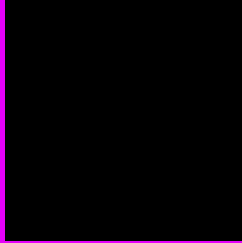
Any Text WCAG AA ✓ Pass

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 229, 0, 249 Background



This preview shows how black text looks on a background with the RGB color 229, 0, 249.



This preview shows how white text looks on a background with the RGB color 229, 0, 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



Original Color
229, 0, 249

Protanopia
62, 130, 255

Deuteranopia
52, 136, 234



Tritanopia
212, 98, 104

Trichromacy



Original Color

229, 0, 249



Protanomaly

123, 83, 253



Deuteranomaly

116, 87, 239



Tritanomaly

218, 62, 157

Monochromacy



Original Color

229, 0, 249



Achromatopsia

97, 97, 97



Achromatomaly

145, 62, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 0, 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(229, 0, 249)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 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(229, 0, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 249) }
```

Border

The CSS property to change the border of an element to RGB 229, 0, 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(229, 0, 249) }
```

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

```
.border{ border-color:rgb(229, 0, 249) }
```

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

Here you see how a box with a 4 pixel rgb(229, 0, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 249);  
box-shadow:4px 4px 4px 4px rgb(229, 0,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 229, 0, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 249) }
```

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

```
.background{ background-color: rgb(229, 0,  
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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