

Converting Colors

RGB(249, 0, 209)

Have a look what the booklet for
RGB(249, 0, 209) contains.

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Color

RGB(249, 0, 209)

Conversions

Conversions Part 1

Format	Color
Hex	F900D1
RGB	249, 0, 209
RGB Percent	98%, 0%, 82%
CMY	0.0235, 1.0000, 0.1804
CMYK	0.00, 1.00, 0.16, 0.02
HSL	310°, 100%, 49%
HSV	310°, 100%, 98%
XYZ	50.5755, 24.7432, 62.4319
YIQ	98.2770, 81.3150, 117.7870

Conversions

Conversions Part 2

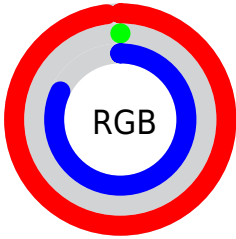
Format	Color
R _Y B	249, 0, 209
Decimal	16318673
CIE Lab	56.82, 91.27, -40.60
CIE LCh	57, 99.893, 336.022
Yxy	24.7432, 0.3672, 0.1796
Android (android.graphics.Color)	4294508753 (0xFFFF900D1)
YUV	98.2770, 54.5864, 132.1841
Hunter-Lab	49.7425, 94.4399, -39.5952

Details

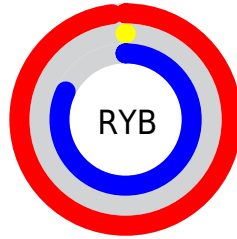
The RGB color **249, 0, 209** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **0, 249, 40**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **255, 102, 255**, and **187, 0, 154** is the 20% darker color. If you saturate the color by 10%, you get **249, 0, 209**, and if you desaturate by 10%, it is **249, 25, 213**.

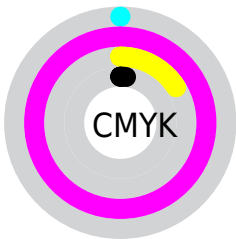
Distribution



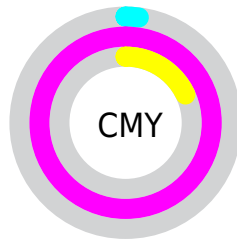
- Red (98%)
- Green (0%)
- Blue (82%)



- Red (98%)
- Yellow (0%)
- Blue (82%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (2%)




















- Cyan (2%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 0, 209 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 249, 0, 209 by changing the saturation by 10% instead.

 249, 0, 209	 249, 0, 209
 255, 255, 255	 218, 0, 181
 255, 102, 255	 187, 0, 154
 255, 134, 255	 157, 0, 128
 255, 166, 255	 127, 0, 102
 255, 197, 255	 98, 0, 77
 255, 228, 255	 70, 0, 54
	 40, 0, 31
	 0, 0, 2
	 0, 0, 0

 249, 0, 209

 249, 25, 213

 249, 50, 217

 249, 75, 221

 249, 100, 225

 249, 125, 229

 249, 149, 233

 249, 174, 237

 249, 199, 241

 249, 224, 245

Harmonies

Analogous

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



149, 102, 255



249, 0, 209



255, 0, 123

Triad

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



249, 0, 209



151, 139, 0



0, 171, 238

Complementary

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



249, 0, 209



0, 249, 40

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, 171, 152



249, 0, 209



42, 158, 0

Square

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



249, 0, 209



220, 103, 0



0, 167, 58



0, 164, 255

Rectangle

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



249, 0, 209



255, 0, 67



0, 167, 58



0, 171, 211

Sweetspot

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



249, 0, 209



255, 179, 243



37, 0, 249



128, 82, 120



0, 0, 0



128, 128, 128

Same Dimension

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



249, 0, 209



255, 0, 214



249, 0, 87



125, 112, 123



189, 0, 158



61, 0, 51

Inverse Universe

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



249, 0, 209



255, 0, 214



0, 249, 162



125, 112, 123



189, 0, 158



61, 0, 51

Previews

White Background



This preview shows how the RGB color 249, 0, 209 looks on a white background.

Color Contrast Check

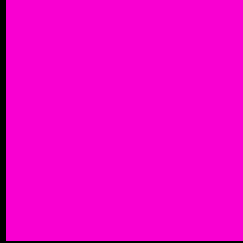
Large Text (above 18pt) WCAG AA ✓ Pass

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 249, 0, 209 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 249, 0, 209 Background



This preview shows how black text looks on a background with the RGB color 249, 0, 209.



This preview shows how white text looks on a background with the RGB color 249, 0, 209.

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

249, 0, 209

Protanopia

73, 134, 255

Deuteranopia

116, 136, 196



Tritanopia
238, 82, 87

Trichromacy



Original Color

249, 0, 209



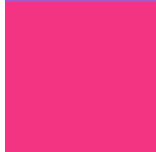
Protanomaly

137, 85, 238



Deuteranomaly

164, 87, 201



Tritanomaly

242, 52, 131

Monochromacy



Original Color

249, 0, 209



Achromatopsia

98, 98, 98



Achromatomaly

153, 62, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 0, 209 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(249, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(249, 0, 209)  
}
```

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(249, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 0, 209) }
```

Border

The CSS property to change the border of an element to RGB 249, 0, 209 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(249, 0, 209) }
```

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

```
.border{ border-color:rgb(249, 0, 209) }
```

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

Here you see how a box with a 4 pixel rgb(249, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(249, 0,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 249, 0, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 0, 209) }
```

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

```
.background{ background-color: rgb(249, 0,  
209) }
```

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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