

# Converting Colors

Hex(FD0EE9)

Have a look what the booklet for  
Hex(FD0EE9) contains.

<b>Hex(FD0EE9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(FD0EE9)

# Conversions

## Conversions Part 1

Format	Color
Hex	FD0EE9
RGB	253, 14, 233
RGB Percent	99%, 5%, 91%
CMY	0.0078, 0.9451, 0.0863
CMYK	0.00, 0.94, 0.08, 0.01
HSL	305°, 98%, 52%
HSV	305°, 94%, 99%
XYZ	55.3730, 27.0799, 79.3993
YIQ	110.4270, 72.1450, 118.7770

# Conversions

## Conversions Part 2

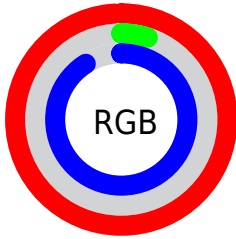
Format	Color
R <sub>Y</sub> B	253, 14, 233
Decimal	16584425
CIE Lab	59.05, 94.11, -50.62
CIE LCh	59, 106.864, 331.724
Yxy	27.0799, 0.3421, 0.1673
Android (android.graphics.Color)	4294774505 (0xFFFD0EE9)
YUV	110.4270, 60.4285, 125.0365
Hunter-Lab	52.0384, 98.8713, -54.0368

# Details

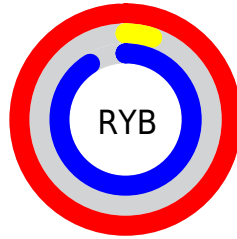
The Hex color **FD0EE9** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **0EFD22**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6BFF**, and **BF00B1** is the 20% darker color. If you saturate the color by 10%, you get **FD00E8**, and if you desaturate by 10%, it is **FD27EB**.

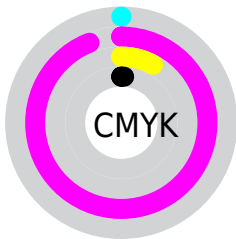
# Distribution



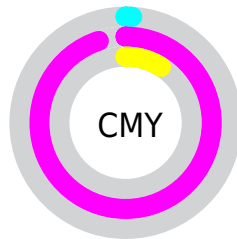
- Red (99%)
- Green (5%)
- Blue (91%)



- Red (99%)
- Yellow (5%)
- Blue (91%)



- Cyan (0%)
- Magenta (94%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (95%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD0EE9 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 Hex color FD0EE9 by changing the saturation by 10% instead.



 FD0EE9

 FD0EE9

FFFFFF

 DE00CC

 FF6BFF

 BF00B1

 FF8BFF

 A10095

 FFAAFF

 83007B

 FFC9FF

 660061

 FFE8FF

 4A0049

 2B0031

 00001B

 000000

 FD0EE9

 FD0EE9

 FD00E8

 FD27EB

 FD41ED

 FD5AEF

 FD73F1

 FD8DF4

 FDA6F6

 FDBFF8

 FDD8FA

 FDF2FC

# Harmonies

## Analogous

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



7E71FF



FD0EE9



FF008D

# Triad

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



FD0EE9



A88D00



00B3F0

# Complementary

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



FD0EE9



0EFD22

# 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.



00B291



FD0EE9



3FA300

# Square

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



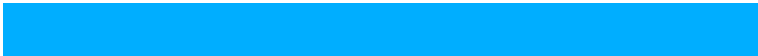
FD0EE9



F06200



00AE27



00AEFF

# Rectangle

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



FD0EE9



FF0050



00AE27



00B3D2



# Sweetspot

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



FD0EE9



FFB8F9



220EFD



80547C



000000



808080



# Same Dimension

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



FD0EE9



FF00EA



FD0E72



80737E



BF00AF



40003A



# Inverse Universe

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



FD0EE9



FF00EA



0EFD99



80737E



BF00AF



40003A



# Previews

## White Background



This preview shows how the Hex color FD0EE9 looks on a white background.

## Color Contrast Check

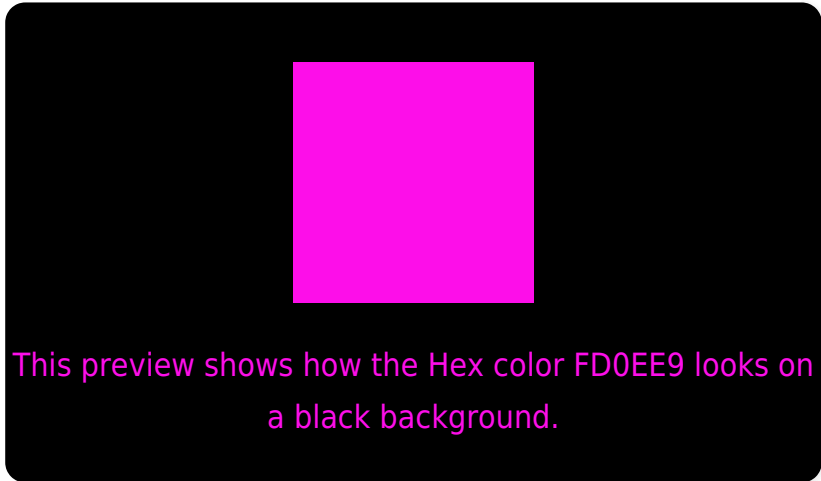
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Hex FD0EE9 Background



This preview shows how black text looks on a background with the Hex color FD0EE9.

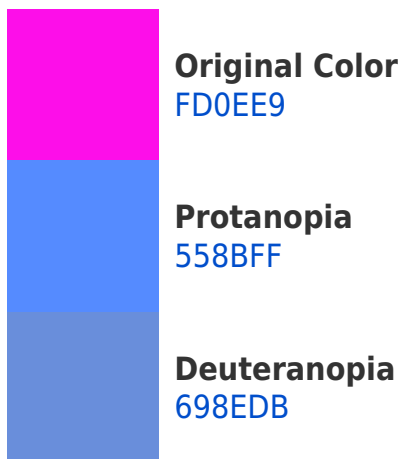


This preview shows how white text looks on a background with the Hex color FD0EE9.

# 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**  
F05C62

# Trichromacy



**Original Color**  
FD0EE9



**Protanomaly**  
925EF7



**Deuteranomaly**  
9F5FE0



**Tritanomaly**  
F54093

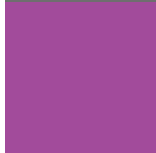
# Monochromacy



**Original Color**  
FD0EE9



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
A24B9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD0EE9 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 #FD0EE9 looks like.

```
.text, #text, p{  
    color:#FD0EE9  
}
```

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 #FD0EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD0EE9
}
```

## Border

The CSS property to change the border of an element to Hex FD0EE9 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
#FD0EE9 }
```

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

```
.border{ border-color:#FD0EE9 }
```

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

Here you see how a box with a 4 pixel #FD0EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD0EE9; -webkit-box-shadow:4px 4px  
4px 4px #FD0EE9; box-shadow:4px 4px 4px  
4px #FD0EE9 }
```

# Background

The CSS property to change the background color of an element to Hex FD0EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD0EE9 }
```

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

```
.background{ background-color:#FD0EE9 }
```

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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