

Converting Colors

Hex(F000D9)

Have a look what the booklet for
Hex(F000D9) contains.

Hex(F000D9)	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

Hex(F000D9)

Conversions

Conversions Part 1

Format	Color
Hex	F000D9
RGB	240, 0, 217
RGB Percent	94%, 0%, 85%
CMY	0.0588, 1.0000, 0.1490
CMYK	0.00, 1.00, 0.10, 0.06
HSL	306°, 100%, 47%
HSV	306°, 100%, 94%
XYZ	48.4596, 23.5350, 67.6342
YIQ	96.4980, 73.3830, 118.3670

Conversions

Conversions Part 2

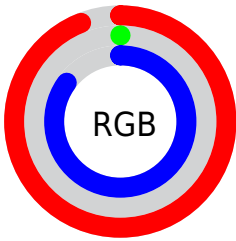
Format	Color
R_{YB}	240, 0, 217
Decimal	15728857
CIE _{Lab}	55.62, 90.74, -47.17
CIE _{LCh}	56, 102.262, 332.534
Yxy	23.5350, 0.3471, 0.1686
Android (android.graphics.Color)	4293918937 (0xFFFF00D9)
YUV	96.4980, 59.4075, 125.8513
Hunter-Lab	48.5129, 93.4062, -48.7001

Details

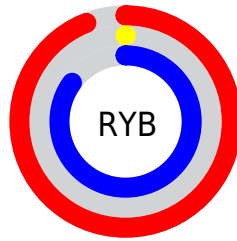
The Hex color **F000D9** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F017**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF65FF**, and **B300A1** is the 20% darker color. If you saturate the color by 10%, you get **F000D9**, and if you desaturate by 10%, it is **F018DB**.

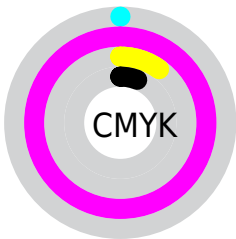
Distribution



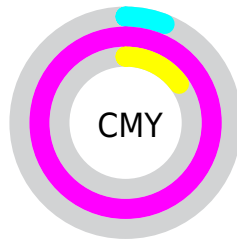
- Red (94%)
- Green (0%)
- Blue (85%)



- Red (94%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color F000D9 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 F000D9 by changing the saturation by 10% instead.

 F000D9

 F000D9

FFFFFF

 D100BD

 FF65FF

 B300A1

 FF85FF

 950087

 FFA4FF

 77006D

 FFC3FF

 5A0054

 FFE2FF

 3E003C

 200025

 00000C

 000000

 F000D9

 F018DB

 F030DE

 F048E0

 F060E2

 F078E4

 F090E7

 F0A8E9

 F0C0EB

 F0D8EE

Harmonies

Analogous

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



7B68FF



F00D9



FF0082

Triad

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



F000D9



9C8500



00A8E4

Complementary

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



F000D9



00F017

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.



00A78B



F000D9



369A00

Square

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



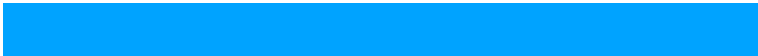
F000D9



E05D00



00A327



00A3FF

Rectangle

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



F000D9



FF0049



00A327



00A8C8

Sweetspot

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



F000D9



FFB3F8



1400F0



80527B



000000



808080

Same Dimension

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



F000D9



FF00E7



F00064



786C77



B800A6



380033

Inverse Universe

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



F00D9



FF00E7



00F08C



786C77



B800A6



380033

Previews

White Background



This preview shows how the Hex color F000D9 looks on a white background.

Color Contrast Check

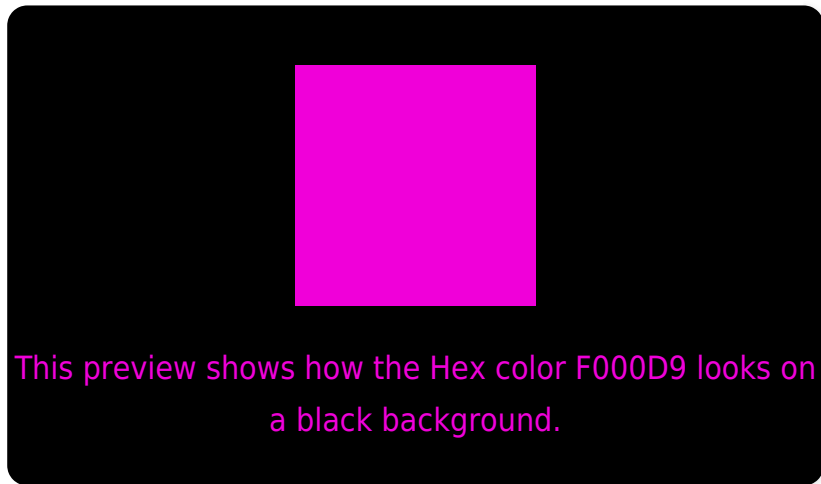
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00D9 Background



This preview shows how black text looks on a background with the Hex color F00D9.



This preview shows how white text looks on a background with the Hex color F00D9.

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
E4555B

Trichromacy



Original Color
F000D9



Protanomaly
8053F1



Deuteranomaly
9855D1



Tritanomaly
E83689

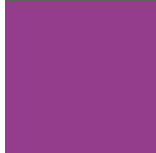
Monochromacy



Original Color
F000D9



Achromatopsia
606060



Achromatomaly
943D8C

CSS Examples

Text

The CSS property to change the color of the text to Hex F000D9 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 #F000D9 looks like.

```
.text, #text, p{  
    color:#F000D9  
}
```

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 #F000D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F000D9
}
```

Border

The CSS property to change the border of an element to Hex F000D9 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
#F000D9 }
```

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

```
.border{ border-color:#F000D9 }
```

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

Here you see how a box with a 4 pixel #F000D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F000D9; -webkit-box-shadow:4px 4px  
4px 4px #F000D9; box-shadow:4px 4px 4px  
4px #F000D9 }
```

Background

The CSS property to change the background color of an element to Hex F000D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F000D9 }
```

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

```
.background{ background-color:#F000D9 }
```

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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