

Converting Colors

Hex(F000DF)

Have a look what the booklet for
Hex(F000DF) contains.

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Color

Hex(F000DF)

Conversions

Conversions Part 1

Format	Color
Hex	F000DF
RGB	240, 0, 223
RGB Percent	94%, 0%, 87%
CMY	0.0588, 1.0000, 0.1255
CMYK	0.00, 1.00, 0.07, 0.06
HSL	304°, 100%, 47%
HSV	304°, 100%, 94%
XYZ	49.2545, 23.8530, 71.8201
YIQ	97.1820, 71.4570, 120.2330

Conversions

Conversions Part 2

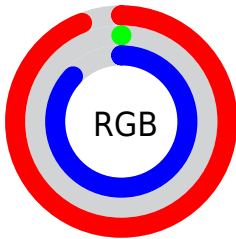
Format	Color
R_{YB}	240, 0, 223
Decimal	15728863
CIE _{Lab}	55.94, 91.52, -50.06
CIE _{LCh}	56, 104.321, 331.322
Yxy	23.8530, 0.3399, 0.1646
Android (android.graphics.Color)	4293918943 (0xFFFF00DF)
YUV	97.1820, 62.0283, 125.2514
Hunter-Lab	48.8395, 94.5474, -53.0003

Details

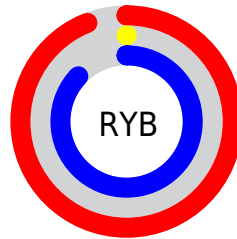
The Hex color **F000DF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **00F011**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF65FF**, and **B300A7** is the 20% darker color. If you saturate the color by 10%, you get **F000DF**, and if you desaturate by 10%, it is **F018E1**.

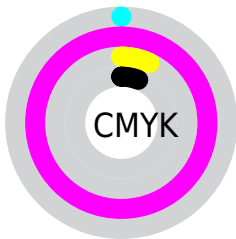
Distribution



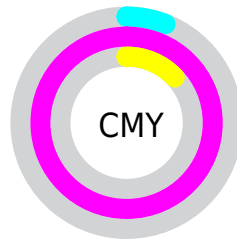
- Red (94%)
- Green (0%)
- Blue (87%)



- Red (94%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color F000DF 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 F000DF by changing the saturation by 10% instead.

 F000DF

 F000DF

FFFFFF

 D100C3

 FF65FF

 B300A7

 FF85FF

 95008C

 FFA4FF

 770072

 FFC3FF

 5A0059

 FFE2FF

 3E0040

 200029

 000113

 000000

 F000DF

 F018E1

 F030E2

 F048E4

 F060E6

 F078E8

 F090E9

 F0A8EB

 F0C0ED

 F0D8EE

Harmonies

Analogous

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



726BFF



F00DF



FF0086

Triad

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



F000DF



A08500



00AAE3

Complementary

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



F000DF



00F011

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.



00A988



F000DF



3B9A00

Square

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



F000DF



E55A00



00A41F



00A5FF

Rectangle

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



F000DF



FF004C



00A41F



00AAC6

Sweetspot

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



F000DF



FFB3FA



1000F0



80527C



000000



808080

Same Dimension

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



F00DF



FF00ED



F00068



786C77



B800AB



380034

Inverse Universe

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



F00DF



FF0ED



00F88



786C77



B800AB



380034

Previews

White Background



This preview shows how the Hex color F000DF looks on a white background.

Color Contrast Check

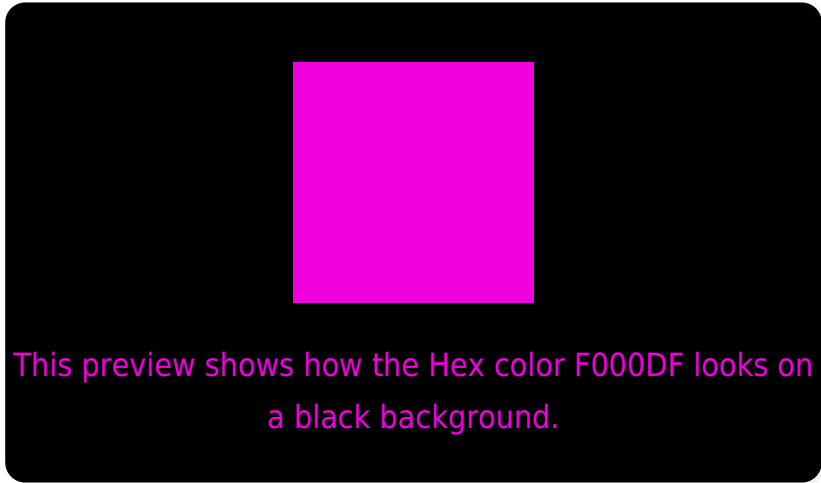
Large Text (above 18pt) WCAG AA ✓ Pass

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 F000DF Background



This preview shows how black text looks on a background with the Hex color F000DF.



This preview shows how white text looks on a background with the Hex color F000DF.

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
F000DF

Protanopia
4284FF

Deuteranopia
6187D1



Tritanopia
E3585D

Trichromacy



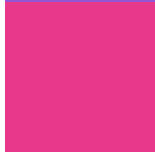
Original Color
F00DF



Protanomaly
8154F3



Deuteranomaly
9556D6

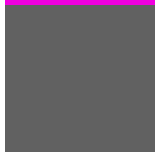


Tritanomaly
E8388C

Monochromacy



Original Color
F00DF



Achromatopsia
616161



Achromatomaly
953E8F

CSS Examples

Text

The CSS property to change the color of the text to Hex F000DF 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 #F000DF looks like.

```
.text, #text, p{  
    color:#F000DF  
}
```

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 #F000DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F000DF
}
```

Border

The CSS property to change the border of an element to Hex F000DF 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
#F000DF }
```

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

```
.border{ border-color:#F000DF }
```

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

Here you see how a box with a 4 pixel #F000DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F000DF; -webkit-box-shadow:4px 4px  
4px 4px #F000DF; box-shadow:4px 4px 4px  
4px #F000DF }
```

Background

The CSS property to change the background color of an element to Hex F000DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F000DF }
```

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

```
.background{ background-color:#F000DF }
```

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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