

Converting Colors

Hex(F000C0)

Have a look what the booklet for
Hex(F000C0) contains.

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Color

Hex(F000C0)

Conversions

Conversions Part 1

Format	Color
Hex	F000C0
RGB	240, 0, 192
RGB Percent	94%, 0%, 75%
CMY	0.0588, 1.0000, 0.2471
CMYK	0.00, 1.00, 0.20, 0.06
HSL	312°, 100%, 47%
HSV	312°, 100%, 94%
XYZ	45.4496, 22.3310, 51.7840
YIQ	93.6480, 81.4080, 110.5920

Conversions

Conversions Part 2

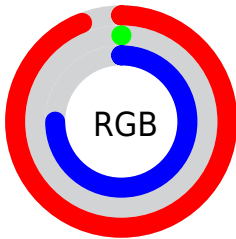
Format	Color
R_{YB}	240, 0, 192
Decimal	15728832
CIE _{Lab}	54.38, 87.64, -34.78
CIE _{LCh}	54, 94.291, 338.358
Yxy	22.3310, 0.3801, 0.1868
Android (android.graphics.Color)	4293918912 (0xFFFF00C0)
YUV	93.6480, 48.4875, 128.3507
Hunter-Lab	47.2557, 88.9802, -31.8925

Details

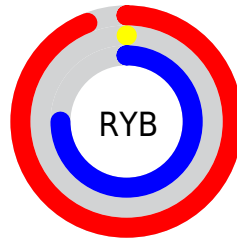
The Hex color **F00C0** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F030**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF63F9**, and **B3008A** is the 20% darker color. If you saturate the color by 10%, you get **F000C0**, and if you desaturate by 10%, it is **F018C5**.

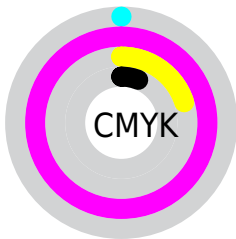
Distribution



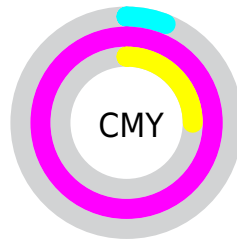
- Red (94%)
- Green (0%)
- Blue (75%)



- Red (94%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color F000C0 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 F000C0 by changing the saturation by 10% instead.

 F000C0

 F000C0

FFFFFF

 D100A5

 FF63F9

 B3008A

 FF83FF

 950070

 FFA2FF

 770057

 FFC1FF

 5A003F

 FFE0FF

 3D0029

FFFEFF

 1E0012

 000000

 F000C0

 F018C5

 F030CA

 F048CE

 F060D3

 F078D8

 F090DD

 F0A8E2

 F0C0E6

 F0D8EB

Harmonies

Analogous

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



995EFF



F00C0



FF006F

Triad

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



F000C0



8A8600



00A2E7

Complementary

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



F000C0



00F030

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.



00A398



F000C0



1B9700

Square

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



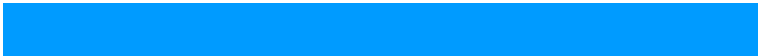
F000C0



CC6700



009F40



009BFF

Rectangle

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



F000C0



FF003B



009F40



00A3CE

Sweetspot

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



F000C0



FFB3F0



3000F0



805276



000000



808080

Same Dimension

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



F00C0



FF0CC



F00048



786C75



B80093



38002D

Inverse Universe

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



F00C0



FF0CC



00F0A8



786C75



B80093



38002D

Previews

White Background



This preview shows how the Hex color F000C0 looks on a white background.

Color Contrast Check

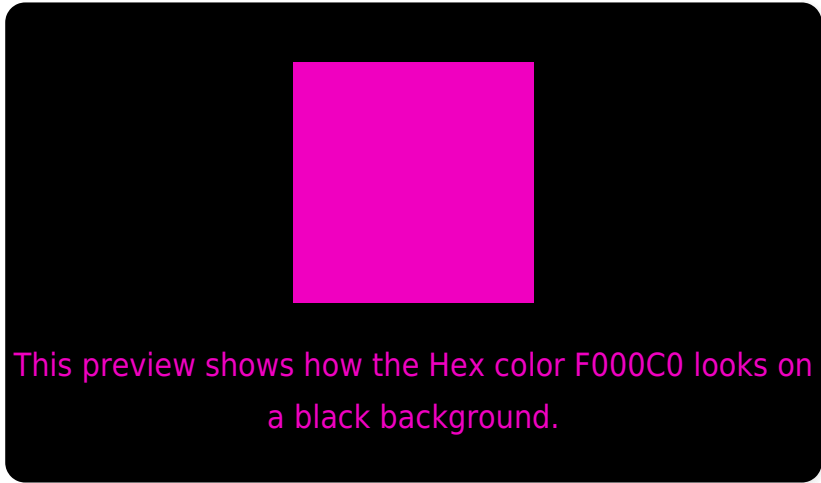
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00C0 Background



This preview shows how black text looks on a background with the Hex color F00C0.



This preview shows how white text looks on a background with the Hex color F00C0.

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
E74C50

Trichromacy



Original Color
F000C0



Protanomaly
7A51E8



Deuteranomaly
A253B8



Tritanomaly
EA3079

Monochromacy



Original Color
F000C0



Achromatopsia
5E5E5E



Achromatomaly
933C82

CSS Examples

Text

The CSS property to change the color of the text to Hex F000C0 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 #F000C0 looks like.

```
.text, #text, p{  
    color:#F000C0  
}
```

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 #F000C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F000C0
}
```

Border

The CSS property to change the border of an element to Hex F000C0 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
#F000C0 }
```

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

```
.border{ border-color:#F000C0 }
```

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

Here you see how a box with a 4 pixel #F000C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F000C0; -webkit-box-shadow:4px 4px  
4px 4px #F000C0; box-shadow:4px 4px 4px  
4px #F000C0 }
```

Background

The CSS property to change the background color of an element to Hex F00C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00C0 }
```

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

```
.background{ background-color:#F00C0 }
```

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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