

Converting Colors

Hex(F000C8)

Have a look what the booklet for
Hex(F000C8) contains.

Hex(F000C8)	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(F000C8)

Conversions

Conversions Part 1

Format	Color
Hex	F000C8
RGB	240, 0, 200
RGB Percent	94%, 0%, 78%
CMY	0.0588, 1.0000, 0.2157
CMYK	0.00, 1.00, 0.17, 0.06
HSL	310°, 100%, 47%
HSV	310°, 100%, 94%
XYZ	46.3605, 22.6954, 56.5808
YIQ	94.5600, 78.8400, 113.0800

Conversions

Conversions Part 2

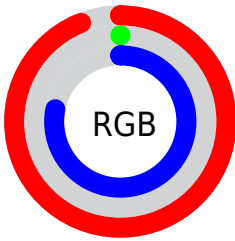
Format	Color
R_{YB}	240, 0, 200
Decimal	15728840
CIE Lab	54.76, 88.60, -38.80
CIE LCh	55, 96.721, 336.351
Yxy	22.6954, 0.3690, 0.1806
Android (android.graphics.Color)	4293918920 (0xFFFF00C8)
YUV	94.5600, 51.9819, 127.5509
Hunter-Lab	47.6397, 90.3376, -37.0698

Details

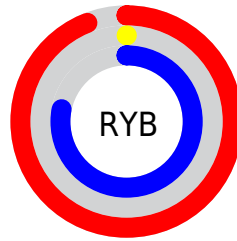
The Hex color **F000C8** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F028**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF64FF**, and **B30091** is the 20% darker color. If you saturate the color by 10%, you get **F000C8**, and if you desaturate by 10%, it is **F018CC**.

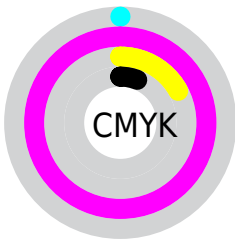
Distribution



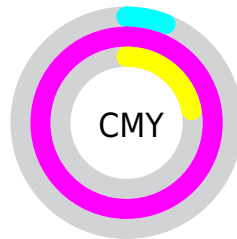
- Red (94%)
- Green (0%)
- Blue (78%)



- Red (94%)
- Yellow (0%)
- Blue (78%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color F000C8 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 F000C8 by changing the saturation by 10% instead.

 F000C8

 F000C8

FFFFFF

 D100AC

 FF64FF

 B30091

 FF84FF

 950077

 FFA3FF

 77005E

 FFC2FF

 5A0046

 FFE0FF

 3E002F

 1F0019

 000000

 F000C8

 F018CC

 F030D0

 F048D4

 F060D8

 F078DC

 F090E0

 F0A8E4

 F0C0E8

 F0D8EC

Harmonies

Analogous

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



9161FF



F000C8



FF0075

Triad

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



F000C8



908600



00A4E6

Complementary

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



F000C8



00F028

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.



00A493



F000C8



269800

Square

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



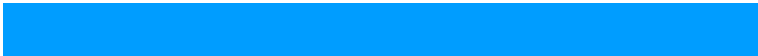
F000C8



D36400



00A139



009DFF

Rectangle

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



F00C8



FF003F



00A139



00A5CC

Sweetspot

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



F000C8



FFB3F2



2800F0



805278



000000



808080

Same Dimension

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



F000C8



FF00D4



F00050



786C76



B80099



38002F

Inverse Universe

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



F000C8



FF00D4



00F0A0



786C76



B80099



38002F

Previews

White Background



This preview shows how the Hex color F000C8 looks on a white background.

Color Contrast Check

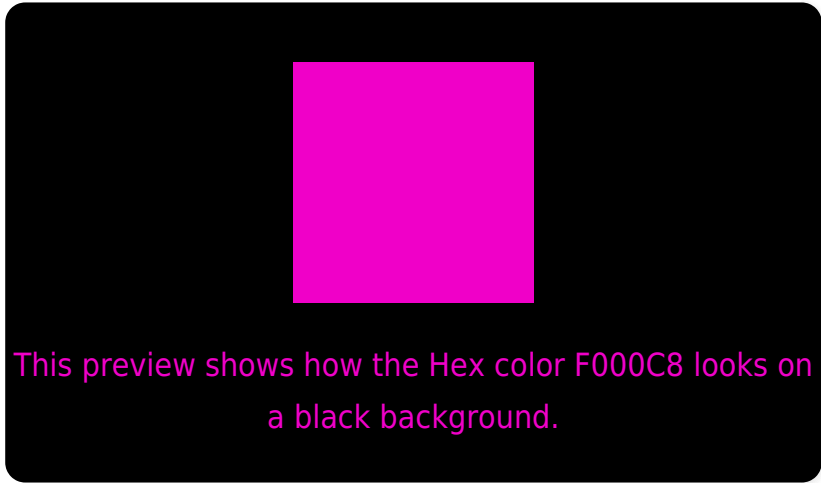
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00C8 Background



This preview shows how black text looks on a background with the Hex color F00C8.



This preview shows how white text looks on a background with the Hex color F00C8.

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
E64F53

Trichromacy



Original Color
F000C8



Protanomaly
7C51EB



Deuteranomaly
9F53C0



Tritanomaly
EA327E

Monochromacy



Original Color
F000C8



Achromatopsia
5F5F5F



Achromatomaly
943C85

CSS Examples

Text

The CSS property to change the color of the text to Hex F000C8 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 #F000C8 looks like.

```
.text, #text, p{  
    color:#F000C8  
}
```

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 #F000C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F000C8
}
```

Border

The CSS property to change the border of an element to Hex F000C8 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
#F000C8 }
```

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

```
.border{ border-color:#F000C8 }
```

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

Here you see how a box with a 4 pixel #F000C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F000C8; -webkit-box-shadow:4px 4px  
4px 4px #F000C8; box-shadow:4px 4px 4px  
4px #F000C8 }
```

Background

The CSS property to change the background color of an element to Hex F00C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00C8 }
```

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

```
.background{ background-color:#F00C8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor