

Converting Colors

Hex(F008DB)

Have a look what the booklet for
Hex(F008DB) contains.

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Color

Hex(F008DB)

Conversions

Conversions Part 1

Format	Color
Hex	F008DB
RGB	240, 8, 219
RGB Percent	94%, 3%, 86%
CMY	0.0588, 0.9686, 0.1412
CMYK	0.00, 0.97, 0.09, 0.06
HSL	305°, 94%, 49%
HSV	305°, 97%, 94%
XYZ	48.8082, 23.8134, 69.0418
YIQ	101.4220, 70.5410, 114.8050

Conversions

Conversions Part 2

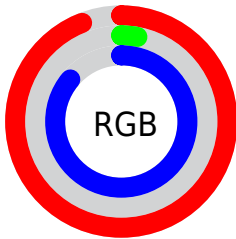
Format	Color
R _{YB}	240, 8, 219
Decimal	15730907
CIE Lab	55.90, 90.48, -47.86
CIE LCh	56, 102.355, 332.125
Yxy	23.8134, 0.3445, 0.1681
Android (android.graphics.Color)	4293920987 (0xFFFF008DB)
YUV	101.4220, 57.9660, 121.5329
Hunter-Lab	48.7990, 93.1355, -49.7254

Details

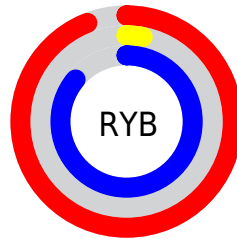
The Hex color **F008DB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light saturated magenta. A complement of this color would be **08F01D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF66FF**, and **B300A3** is the 20% darker color. If you saturate the color by 10%, you get **F000DA**, and if you desaturate by 10%, it is **F020DD**.

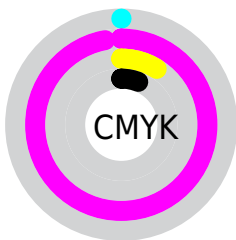
Distribution



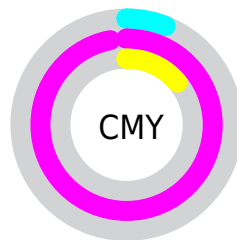
- Red (94%)
- Green (3%)
- Blue (86%)



- Red (94%)
- Yellow (3%)
- Blue (86%)



- Cyan (0%)
- Magenta (97%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (97%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color F008DB 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 F008DB by changing the saturation by 10% instead.

 F008DB

 F008DB

FFFFFF

 D100BF

 FF66FF

 B300A3

 FF86FF

 950088

 FFA5FF

 78006E

 FFC4FF

 5A0055

 FFE3FF

 3E003D

 200026

 00010F

 000000

 F008DB

 F008DB

 F000DA

 F020DD

 F038DF

 F050E2

 F068E4

 F080E6

 F098E8

 F0B0EA

 F0C8EC

 F0E0EF

Harmonies

Analogous

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



796AFF



F008DB



FF0084

Triad

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



F008DB



9E8500



00A9E4

Complementary

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



F008DB



08F01D

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.



00A88A



F008DB



399A00

Square

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



F008DB



E25D00



00A426



00A4FF

Rectangle

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



F008DB



FF004A



00A426



00A9C7

Sweetspot

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



F008DB



FFB5F8



1B08F0



80537B



000000



808080

Same Dimension

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



F008DB



FF00E8



F00869



786C77



B800A7



380033

Inverse Universe

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



F008DB



FF00E8



08F08F



786C77



B800A7



380033

Previews

White Background



This preview shows how the Hex color F008DB looks on a white background.

Color Contrast Check

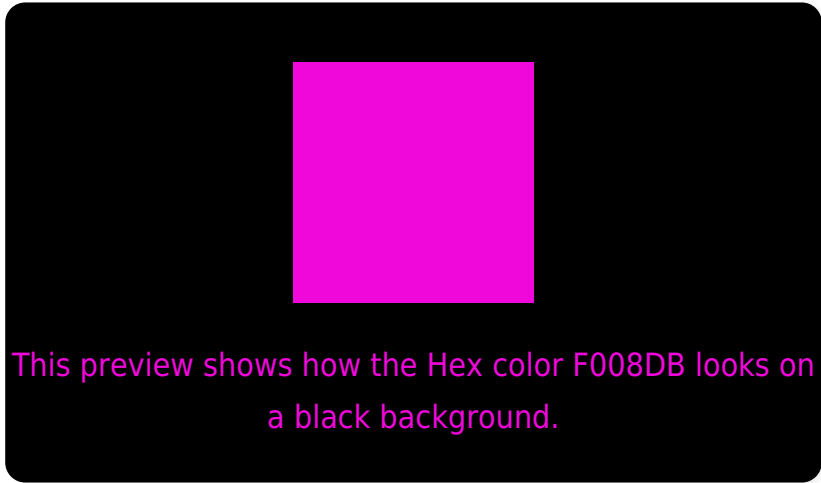
Large Text (above 18pt) WCAG AA ✓ Pass

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 F008DB Background



This preview shows how black text looks on a background with the Hex color F008DB.




This preview shows how white text looks on a background with the Hex color F008DB.

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
E4565C

Trichromacy



Original Color
F08DB



Protanomaly
8156F2



Deuteranomaly
9758D3



Tritanomaly
E83A8A

Monochromacy



Original Color
F08DB



Achromatopsia
656565



Achromatomaly
984390

CSS Examples

Text

The CSS property to change the color of the text to Hex F008DB 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 #F008DB looks like.

```
.text, #text, p{  
    color:#F008DB  
}
```

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 #F008DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F008DB
}
```

Border

The CSS property to change the border of an element to Hex F008DB 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
#F008DB }
```

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

```
.border{ border-color:#F008DB }
```

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

Here you see how a box with a 4 pixel #F008DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F008DB; -webkit-box-shadow:4px 4px  
4px 4px #F008DB; box-shadow:4px 4px 4px  
4px #F008DB }
```

Background

The CSS property to change the background color of an element to Hex F008DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F008DB }
```

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

```
.background{ background-color:#F008DB }
```

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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