

Converting Colors

Hex(F000B0)

Have a look what the booklet for
Hex(F000B0) contains.

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Color

Hex(F000B0)

Conversions

Conversions Part 1

Format	Color
Hex	F00B0
RGB	240, 0, 176
RGB Percent	94%, 0%, 69%
CMY	0.0588, 1.0000, 0.3098
CMYK	0.00, 1.00, 0.27, 0.06
HSL	316°, 100%, 47%
HSV	316°, 100%, 94%
XYZ	43.7717, 21.6599, 42.9480
YIQ	91.8240, 86.5440, 105.6160

Conversions

Conversions Part 2

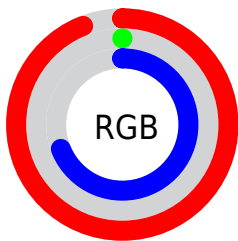
Format	Color
R_{YB}	240, 0, 176
Decimal	15728816
CIE _{Lab}	53.66, 85.84, -26.56
CIE _{LCh}	54, 89.859, 342.805
Yxy	21.6599, 0.4039, 0.1999
Android (android.graphics.Color)	4293918896 (0xFFFF00B0)
YUV	91.8240, 41.4988, 129.9504
Hunter-Lab	46.5401, 86.4365, -22.1357

Details

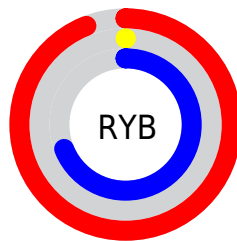
The Hex color **F00B0** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **00F040**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF63E8**, and **B3007B** is the 20% darker color. If you saturate the color by 10%, you get **F00B0**, and if you desaturate by 10%, it is **F018B6**.

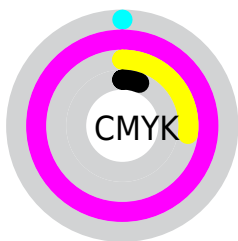
Distribution



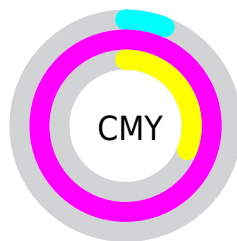
- Red (94%)
- Green (0%)
- Blue (69%)



- Red (94%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color F00B0 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 F00B0 by changing the saturation by 10% instead.

 F000B0

 F000B0

FFFFFF

 D10095

 FF63E8

 B3007B

 FF82FF

 940062

 FFA1FF

 77004A

 FFC0FF

 5A0033

 FFDEFF

 3C001D

 FFFDFF

 1D0001

 000000

 F000B0

 F018B6

 F030BD

 F048C3

 F060CA

 F078D0

 F090D6

 F0A8DD

 F0C0E3

 F0D8EA

Harmonies

Analogous

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



A857F4



F000B0



FF0063

Triad

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



F000B0



7E8700



009FE9

Complementary

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



F000B0



00F040

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.



00A0A1



F000B0



009600

Square

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



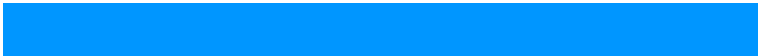
F000B0



C06C00



009D4F



0096FF

Rectangle

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



F000B0



F92431



009D4F



00A0D3

Sweetspot

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



F000B0



FFB3EB



4000F0



805273



000000



808080

Same Dimension

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



F000B0



FF00BB



F00038



786C75



B80087



380029

Inverse Universe

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



F000B0



FF00BB



00F0B8



786C75



B80087



380029

Previews

White Background



This preview shows how the Hex color F00B0 looks on a white background.

Color Contrast Check

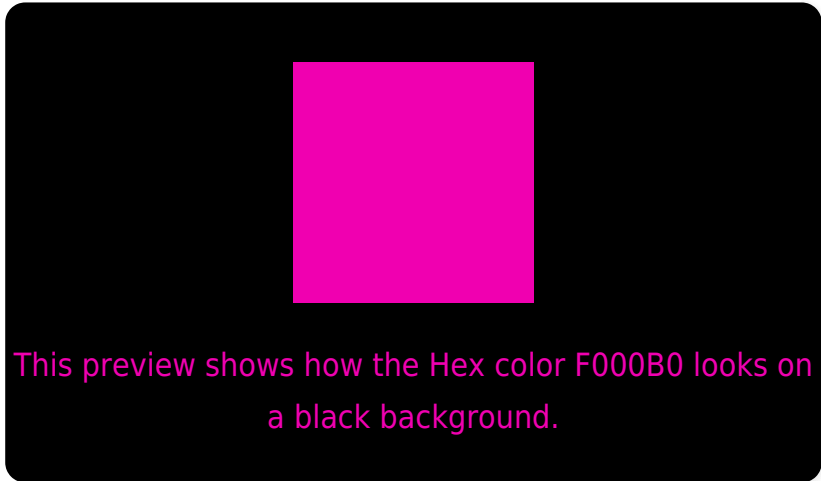
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00B0 Background



This preview shows how black text looks on a background with the Hex color F00B0.




This preview shows how white text looks on a background with the Hex color F00B0.

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
E84549

Trichromacy



Original Color
F000B0



Protanomaly
7C50DF



Deuteranomaly
A651A9



Tritanomaly
EB2C6E

Monochromacy



Original Color
F000B0



Achromatopsia
5C5C5C



Achromatomaly
923B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex F000B0 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 #F000B0 looks like.

```
.text, #text, p{  
    color:#F000B0  
}
```

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 #F000B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F000B0
}
```

Border

The CSS property to change the border of an element to Hex F000B0 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
#F000B0 }
```

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

```
.border{ border-color:#F000B0 }
```

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

Here you see how a box with a 4 pixel #F000B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F000B0; -webkit-box-shadow:4px 4px  
4px 4px #F000B0; box-shadow:4px 4px 4px  
4px #F000B0 }
```

Background

The CSS property to change the background color of an element to Hex F00B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00B0 }
```

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

```
.background{ background-color:#F00B0 }
```

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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