

Converting Colors

Hex(F01FB8)

Have a look what the booklet for
Hex(F01FB8) contains.

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Color

Hex(F01FB8)

Conversions

Conversions Part 1

Format	Color
Hex	F01FB8
RGB	240, 31, 184
RGB Percent	94%, 12%, 72%
CMY	0.0588, 0.8784, 0.2784
CMYK	0.00, 0.87, 0.23, 0.06
HSL	316°, 87%, 53%
HSV	316°, 87%, 94%
XYZ	45.0769, 22.9659, 47.4045
YIQ	110.9330, 75.4510, 91.8910

Conversions

Conversions Part 2

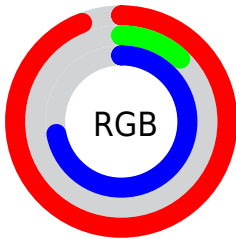
Format	Color
R_{YB}	240, 31, 184
Decimal	15736760
CIE _{Lab}	55.04, 83.72, -29.10
CIE _{LCh}	55, 88.639, 340.831
Yxy	22.9659, 0.3905, 0.1989
Android (android.graphics.Color)	4293926840 (0xFFFF01FB8)
YUV	110.9330, 36.0220, 113.1918
Hunter-Lab	47.9228, 84.0349, -25.1028

Details

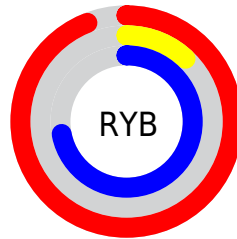
The Hex color **F01FB8** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **1FF057**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6BF0**, and **B30083** is the 20% darker color. If you saturate the color by 10%, you get **F007B2**, and if you desaturate by 10%, it is **F037BE**.

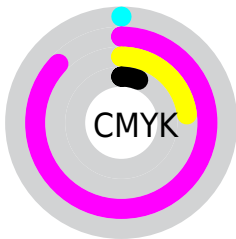
Distribution



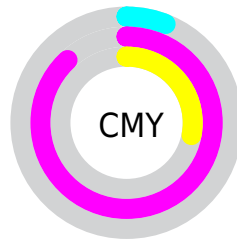
- Red (94%)
- Green (12%)
- Blue (72%)



- Red (94%)
- Yellow (12%)
- Blue (72%)



- Cyan (0%)
- Magenta (87%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (88%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color F01FB8 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 F01FB8 by changing the saturation by 10% instead.

 F01FB8

 F01FB8

FFFFFF

 D1009D

 FF6BF0

 B30083

 FF8AFF

 950069

 FFA9FF

 770051

 FFC7FF

 5A0039

 FFE6FF

 3E0023

 1F0009

 000000

 F01FB8

 F01FB8

 F007B2

 F037BE

 F000B0

 F04FC5

 F067CB

 F07FD2

 F097D8

 F0AFDF

 F0C7E5

 F0DFEB

 F0F7F2

Harmonies

Analogous

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



A55FFA



F01FB8



FF006C

Triad

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



F01FB8



878A00



00A2E8

Complementary

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



F01FB8



1FF057

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.



00A39F



F01FB8



1D9900

Square

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



F01FB8



C76D00



00A14D



009AFF

Rectangle

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



F01FB8



FE293A



00A14D



00A3D1

Sweetspot

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



F01FB8



FFBDED



571FF0



805875



000000



808080

Same Dimension

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



F01FB8



FF00BB



F01F50



786C75



B80086



380029

Inverse Universe

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



F01FB8



FF00BB



1FF0BF



786C75



B80086



380029

Previews

White Background



This preview shows how the Hex color F01FB8 looks on a white background.

Color Contrast Check

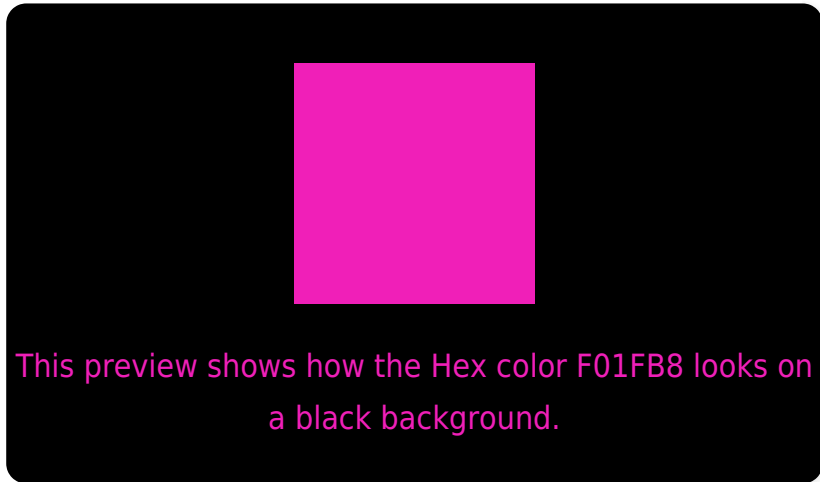
Large Text (above 18pt) WCAG AA ✓ Pass

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 F01FB8 Background



This preview shows how black text looks on a background with the Hex color F01FB8.



This preview shows how white text looks on a background with the Hex color F01FB8.

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



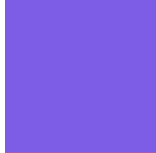


Tritanopia
E84D51

Trichromacy



Original Color
F01FB8



Protanomaly
7D5DE5



Deuteranomaly
A65EB1



Tritanomaly
EB3C76

Monochromacy



Original Color
F01FB8



Achromatopsia
6F6F6F



Achromatomaly
9E528A

CSS Examples

Text

The CSS property to change the color of the text to Hex F01FB8 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 #F01FB8 looks like.

```
.text, #text, p{  
    color:#F01FB8  
}
```

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 #F01FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F01FB8
}
```

Border

The CSS property to change the border of an element to Hex F01FB8 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
#F01FB8 }
```

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

```
.border{ border-color:#F01FB8 }
```

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

Here you see how a box with a 4 pixel #F01FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F01FB8; -webkit-box-shadow:4px 4px  
4px 4px #F01FB8; box-shadow:4px 4px 4px  
4px #F01FB8 }
```

Background

The CSS property to change the background color of an element to Hex F01FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F01FB8 }
```

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

```
.background{ background-color:#F01FB8 }
```

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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