

Converting Colors

Hex(F00FAB)

Have a look what the booklet for
Hex(F00FAB) contains.

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Color

Hex(F00FAB)

Conversions

Conversions Part 1

Format	Color
Hex	F00FAB
RGB	240, 15, 171
RGB Percent	94%, 6%, 67%
CMY	0.0588, 0.9412, 0.3294
CMYK	0.00, 0.94, 0.29, 0.06
HSL	318°, 88%, 50%
HSV	318°, 94%, 94%
XYZ	43.4567, 21.8072, 40.4469
YIQ	100.0590, 84.0240, 96.2160

Conversions

Conversions Part 2

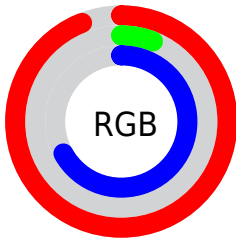
Format	Color
R_{YB}	240, 15, 171
Decimal	15732651
CIE _{Lab}	53.82, 84.23, -23.39
CIE _{LCh}	54, 87.422, 344.482
Yxy	21.8072, 0.4111, 0.2063
Android (android.graphics.Color)	4293922731 (0xFFFF00FAB)
YUV	100.0590, 34.9739, 122.7283
Hunter-Lab	46.6982, 84.3879, -18.6644

Details

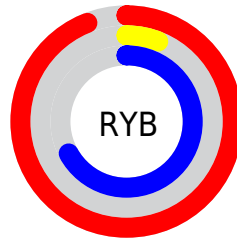
The Hex color **F00FAB** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **0FF054**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF65E3**, and **B30077** is the 20% darker color. If you saturate the color by 10%, you get **F000A6**, and if you desaturate by 10%, it is **F027B2**.

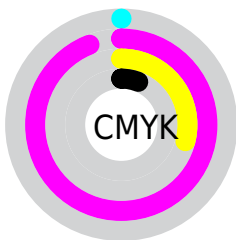
Distribution



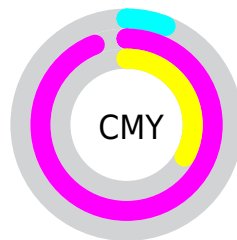
- Red (94%)
- Green (6%)
- Blue (67%)



- Red (94%)
- Yellow (6%)
- Blue (67%)



- Cyan (0%)
- Magenta (94%)
- Yellow (29%)
- Black (6%)



- Cyan (6%)
- Magenta (94%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color F00FAB 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 F00FAB by changing the saturation by 10% instead.

 F00FAB

 F00FAB

FFFFFF

 D10090

 FF65E3

 B30077

 FF85FF

 94005E

 FFA4FF

 770046

 FFC2FF

 59002F

 FFE0FF

 3C001A

 1C0001

 000000

 F00FAB

 F00FAB

 F000A6

 F027B2

 F03FBA

 F057C1

 F06FC8

 F087D0

 F09FD7

 F0B7DF

 F0CFE6

 F0E7ED

Harmonies

Analogous

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



AE56EE



F00FAB



FF0060

Triad

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



F00FAB



7B8900



009EEA

Complementary

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



F00FAB



0FF054

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.



00A0A5



F00FAB



009700

Square

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



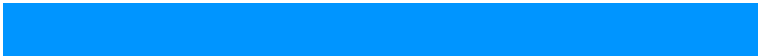
F00FAB



BC6F00



009D55



0095FF

Rectangle

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



F00FAB



F62F2F



009D55



009FD5

Sweetspot

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



F00FAB



FFB8E9



520FF0



805472



000000



808080

Same Dimension

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



F00FAB



FF00B1



F00F3C



786C74



B8007F



380027

Inverse Universe

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



F00FAB



FF00B1



0FF0C3



786C74



B8007F



380027

Previews

White Background



This preview shows how the Hex color F00FAB looks on a white background.

Color Contrast Check

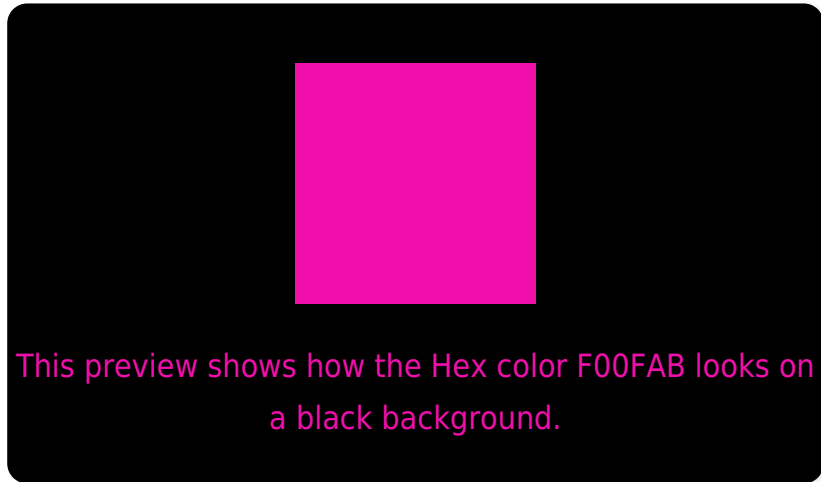
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00FAB Background



This preview shows how black text looks on a background with the Hex color F00FAB.

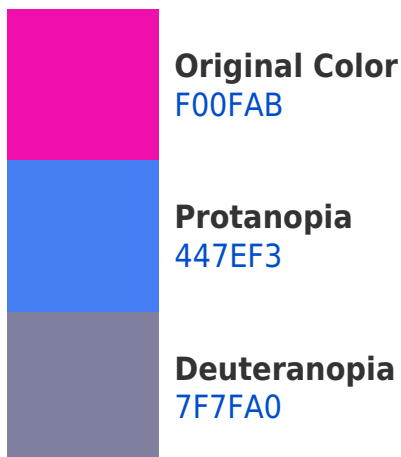



This preview shows how white text looks on a background with the Hex color F00FAB.

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
E94448

Trichromacy



Original Color
F00FAB



Protanomaly
8356D9



Deuteranomaly
A856A4



Tritanomaly
EC316C

Monochromacy



Original Color
F00FAB



Achromatopsia
646464



Achromatomaly
97457E

CSS Examples

Text

The CSS property to change the color of the text to Hex F00FAB 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 #F00FAB looks like.

```
.text, #text, p{  
    color:#F00FAB  
}
```

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 #F00FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00FAB
}
```

Border

The CSS property to change the border of an element to Hex F00FAB 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
#F00FAB }
```

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

```
.border{ border-color:#F00FAB }
```

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

Here you see how a box with a 4 pixel #F00FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00FAB; -webkit-box-shadow:4px 4px  
4px 4px #F00FAB; box-shadow:4px 4px 4px  
4px #F00FAB }
```

Background

The CSS property to change the background color of an element to Hex F00FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00FAB }
```

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

```
.background{ background-color:#F00FAB }
```

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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