

Converting Colors

Hex(FF0FAF)

Have a look what the booklet for
Hex(FF0F AF) contains.

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Color

Hex(F0F0F0)

Conversions

Conversions Part 1

Format	Color
Hex	FF0FAF
RGB	255, 15, 175
RGB Percent	100%, 6%, 69%
CMY	0.0000, 0.9412, 0.3137
CMYK	0.00, 0.94, 0.31, 0.00
HSL	320°, 100%, 53%
HSV	320°, 94%, 100%
XYZ	49.1487, 24.6968, 42.7340
YIQ	105.0000, 91.6800, 100.6400

Conversions

Conversions Part 2

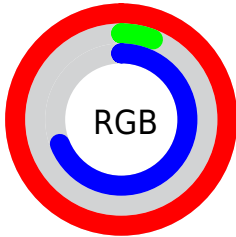
Format	Color
R_{YB}	255, 15, 175
Decimal	16715695
CIE _{Lab}	56.78, 87.62, -20.95
CIE _{LCh}	57, 90.092, 346.553
Yxy	24.6968, 0.4216, 0.2118
Android (android.graphics.Color)	4294905775 (0xFFFF0FAF)
YUV	105.0000, 34.5100, 131.5500
Hunter-Lab	49.6959, 89.5668, -16.1970

Details

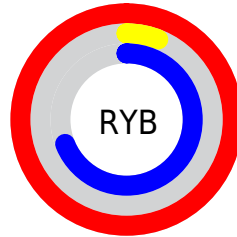
The Hex color **FF0FAF** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **0FFF5F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF68E7**, and **C1007A** is the 20% darker color. If you saturate the color by 10%, you get **FF00AA**, and if you desaturate by 10%, it is **FF29B8**.

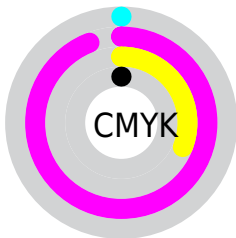
Distribution



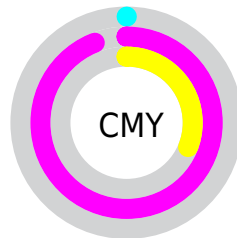
- Red (100%)
- Green (6%)
- Blue (69%)



- Red (100%)
- Yellow (6%)
- Blue (69%)



- Cyan (0%)
- Magenta (94%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (94%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0FAF 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 FF0FAF by changing the saturation by 10% instead.

 FF0FAF

 FF0FAF

FFFFFF

 E00094

 FF68E7

 C1007A

 FF88FF

 A20061

 FFA7FF

 840049

 FFC6FF

 660033

 FFE5FF

 49001E

 2B0001

 000000

 FF0FAF

 FF0FAF

 FF00AA

 FF29B8

 FF42C0

 FF5CC9

 FF75D1

 FF8FDA

 FFA8E2

 FFC2EB

 FFDBF3

 FFF5FC

Harmonies

Analogous

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



BE59F6



FF0FAF



FF0061

Triad

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



FF0FAF



7D9200



00A7FA

Complementary

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



FF0FAF



0FFF5F

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.



00A9B3



FF0FAF



00A000

Square

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



FF0FAF



C27800



00A761



009CFF

Rectangle

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



FF0FAF



FF392E



00A761



00A8E5

Sweetspot

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



FF0FAF



FFB8E7



5F0FFF



805471



000000



808080

Same Dimension

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



FF0FAF



FF00AA



FF0F37



80737B



BF0080



40002B

Inverse Universe

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



FF0FAF



FF00AA



0FFFD7



80737B



BF0080



40002B

Previews

White Background



This preview shows how the Hex color FF0F0F looks on a white background.

Color Contrast Check

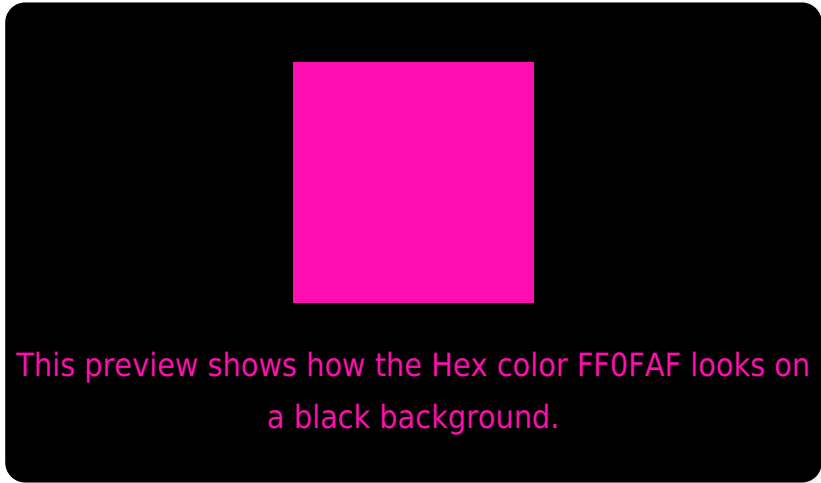
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0FAF Background



This preview shows how black text looks on a background with the Hex color FF0FAF.

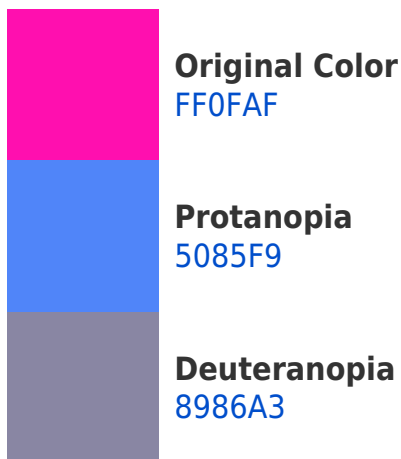


This preview shows how white text looks on a background with the Hex color FF0FAF.

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
F84649

Trichromacy



Original Color
FF0F AF



Protanomaly
905A DE



Deuteranomaly
B45B A7



Tritanomaly
FB32 6E

Monochromacy



Original Color
FF0F AF



Achromatopsia
6969 69



Achromatomaly
A048 82

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0FAF 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 #FF0FAF looks like.

```
.text, #text, p{  
    color:#FF0FAF  
}
```

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 #FF0F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0F0F
}
```

Border

The CSS property to change the border of an element to Hex FF0F0F 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
#FF0F0F }
```

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

```
.border{ border-color:#FF0FAF }
```

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

Here you see how a box with a 4 pixel #FF0FAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0FAF; -webkit-box-shadow:4px 4px  
4px 4px #FF0FAF; box-shadow:4px 4px 4px  
4px #FF0FAF }
```

Background

The CSS property to change the background color of an element to Hex FF0F0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0F0F }
```

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

```
.background{ background-color:#FF0F0F }
```

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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