

Converting Colors

Hex(F046F0)

Have a look what the booklet for
Hex(F046F0) contains.

Hex(F046F0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F046F0)

Conversions

Conversions Part 1

Format	Color
Hex	F046F0
RGB	240, 70, 240
RGB Percent	94%, 27%, 94%
CMY	0.0588, 0.7255, 0.0588
CMYK	0.00, 0.71, 0.00, 0.06
HSL	300°, 85%, 61%
HSV	300°, 71%, 94%
XYZ	53.8535, 29.1969, 85.2352
YIQ	140.2100, 46.7500, 88.9100

Conversions

Conversions Part 2

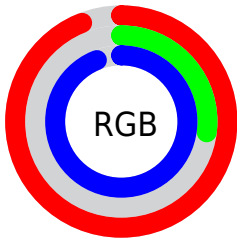
Format	Color
R _Y B	240, 70, 240
Decimal	15746800
CIE Lab	60.95, 82.04, -51.64
CIE LCh	61, 96.940, 327.809
Yxy	29.1969, 0.3200, 0.1735
Android (android.graphics.Color)	4293936880 (0xFFFF046F0)
YUV	140.2100, 49.1965, 87.5158
Hunter-Lab	54.0341, 83.3437, -55.7022

Details

The Hex color **F046F0** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **46F046**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF85FF**, and **B400B7** is the 20% darker color. If you saturate the color by 10%, you get **F02EF0**, and if you desaturate by 10%, it is **F05EF0**.

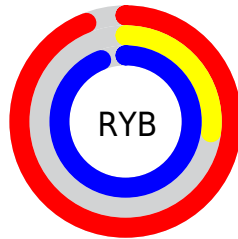
Distribution



Red (94%)

Green (27%)

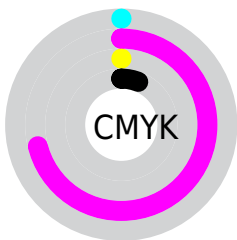
Blue (94%)



Red (94%)

Yellow (27%)

Blue (94%)

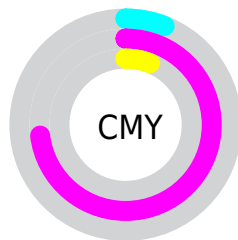


Cyan (0%)

Magenta (71%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (73%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color F046F0 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 F046F0 by changing the saturation by 10% instead.

 F046F0

 F046F0

FFFFFF

 D21DD3

 FF85FF

 B400B7

 FFA3FF

 96009C

 FFC1FF

 790081

 FFDFFF

 5D0067

 FFFDFD

 42004F

 230037

 000220

 000004

 F046F0

 F046F0

 F02EF0

 F05EF0

 F016F0

 F076F0

 F000F0

 F08EF0

 F0A6F0

 F0BEF0

 F0D6F0

 F0EEF0

 F0FFF0

Harmonies

Analogous

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



707FFF



F046F0



FF009D

Triad

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



F046F0



B88E00



00B6E2

Complementary

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



F046F0



46F046

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.



00B58A



F046F0



63A500

Square

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



F046F0



F76600



00B02A



00B1FF

Rectangle

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



F046F0



FF0065



00B02A



00B7C6

Sweetspot

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



F046F0



FFC9FF



4646F0



806080



000000



808080

Same Dimension

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



F046F0



FF26FF



F0469B



786C78



B800B8



380038

Inverse Universe

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



F046F0



FF26FF



46F09B



786C78



B800B8



380038

Previews

White Background



This preview shows how the Hex color F046F0 looks on a white background.

Color Contrast Check

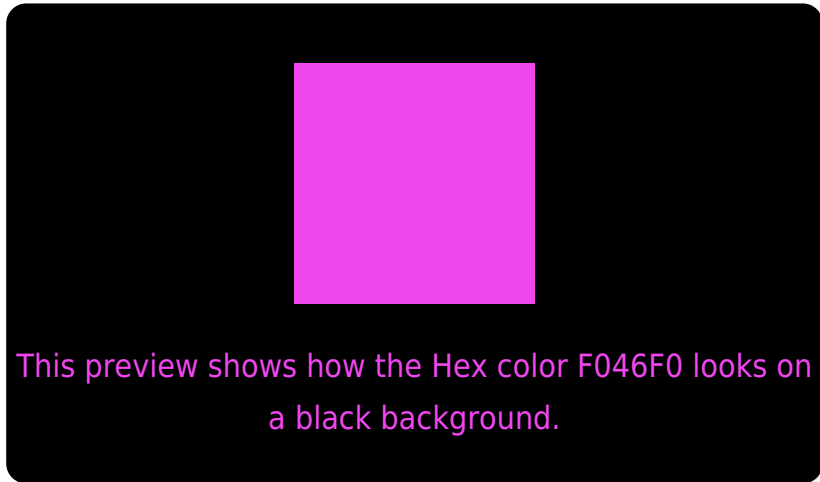
Large Text (above 18pt) WCAG AA ✓ Pass

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

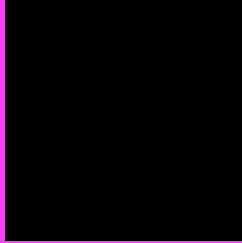
Any Text WCAG AA ✓ Pass

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 F046F0 Background



This preview shows how black text looks on a background with the Hex color F046F0.

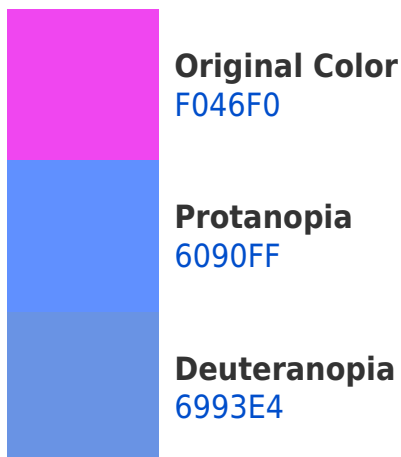


This preview shows how white text looks on a background with the Hex color F046F0.

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](#).

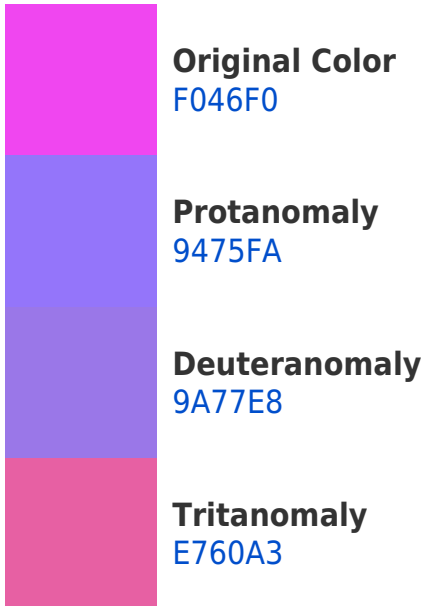
Dichromacy





Tritanopia
E26F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F046F0 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 #F046F0 looks like.

```
.text, #text, p{  
    color:#F046F0  
}
```

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 #F046F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F046F0
}
```

Border

The CSS property to change the border of an element to Hex F046F0 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
#F046F0 }
```

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

```
.border{ border-color:#F046F0 }
```

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

Here you see how a box with a 4 pixel #F046F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F046F0; -webkit-box-shadow:4px 4px  
4px 4px #F046F0; box-shadow:4px 4px 4px  
4px #F046F0 }
```

Background

The CSS property to change the background color of an element to Hex F046F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F046F0 }
```

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

```
.background{ background-color:#F046F0 }
```

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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