

# Converting Colors

Hex(FE6FFC)

Have a look what the booklet for  
Hex(FE6FFC) contains.

<b>Hex(FE6FFC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(FE6FFC)

# Conversions

## Conversions Part 1

Format	Color
Hex	FE6FFC
RGB	254, 111, 252
RGB Percent	100%, 44%, 99%
CMY	0.0039, 0.5647, 0.0118
CMYK	0.00, 0.56, 0.01, 0.00
HSL	301°, 99%, 72%
HSV	301°, 56%, 100%
XYZ	64.1282, 39.4680, 96.3336
YIQ	169.8310, 39.9670, 74.1670

# Conversions

## Conversions Part 2

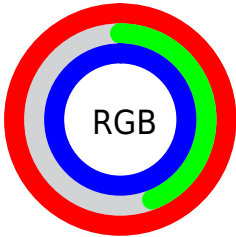
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	254, 111, 252
Decimal	16674812
CIE Lab	69.09, 71.78, -45.30
CIE LCh	69, 84.873, 327.745
Yxy	39.4680, 0.3208, 0.1974
Android (android.graphics.Color)	4294864892 (0xFFFE6FFC)
YUV	169.8310, 40.5093, 73.8162
Hunter-Lab	62.8236, 72.2656, -46.9388

# Details

The Hex color **FE6FFC** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6FFE71**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFA9FF**, and **C231C3** is the 20% darker color. If you saturate the color by 10%, you get **FE56FC**, and if you desaturate by 10%, it is **FE88FC**.

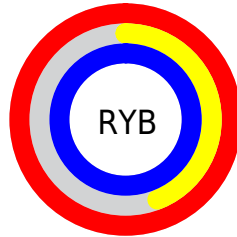
# Distribution



Red (100%)

Green (44%)

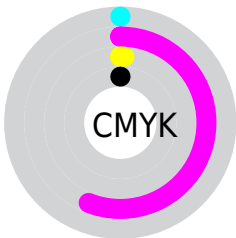
Blue (99%)



Red (100%)

Yellow (44%)

Blue (99%)

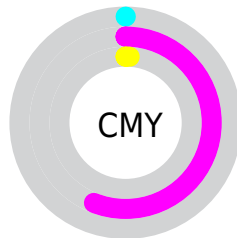


Cyan (0%)

Magenta (56%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE6FFC 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 FE6FFC by changing the saturation by 10% instead.



 FE6FFC

 FE6FFC

FFFFFF

 E052DF

 FFA9FF

 C231C3

 FFC6FF

 A500A7

 FFE4FF

 88008C

 6C0072

 500059

 370041

 17002A

 000114

 FE6FFC

 FE6FFC

 FE56FC

 FE88FC

 FE3CFB

 FEA2FD

 FE23FB

 FEBBFD

 FE09FB

 FED5FD

 FE00FA

 FEEEEFE

FEFFFE

FEFFFF

# Harmonies

## Analogous

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



9697FF



FE6FFC



FF50B2

# Triad

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



FE6FFC



CFA300



00CBEE

# Complementary

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



FE6FFC



6FFE71

# 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.



00CAA0



FE6FFC



84B900

# Square

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



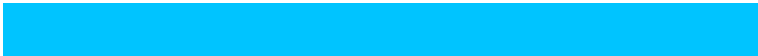
FE6FFC



FF8319



00C550



00C4FF

# Rectangle

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



FE6FFC



FF547F



00C550



00CBD5



# Sweetspot

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



FE6FFC



FFD4FE



6F6FFE



80667F



000000



808080



# Same Dimension

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



FE6FFC



FF52FD



FE6FB7



80737F



BF00BD



40003F



# Inverse Universe

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



FE6FFC



FF52FD



6FFEB7



80737F



BF00BD



40003F



# Previews

## White Background



This preview shows how the Hex color FE6FFC looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FE6FFC Background



This preview shows how black text looks on a background with the Hex color FE6FFC.

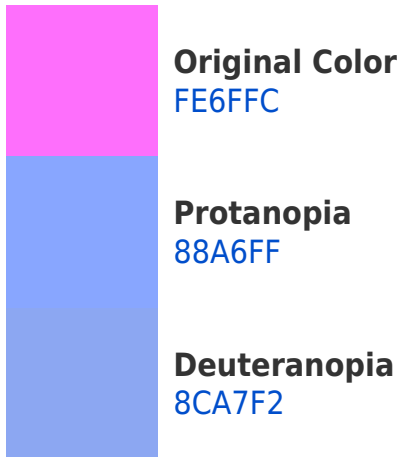


This preview shows how white text looks on a background with the Hex color FE6FFC.

# 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**  
F28A94

# Trichromacy



**Original Color**  
FE6FFC



**Protanomaly**  
B392FE



**Deuteranomaly**  
B593F6



**Tritanomaly**  
F680BA

# Monochromacy



**Original Color**  
FE6FFC



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
C995C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE6FFC 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 #FE6FFC looks like.

```
.text, #text, p{  
    color:#FE6FFC  
}
```

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 #FE6FFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE6FFC
}
```

## Border

The CSS property to change the border of an element to Hex FE6FFC 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
#FE6FFC }
```

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

```
.border{ border-color:#FE6FFC }
```

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

Here you see how a box with a 4 pixel #FE6FFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE6FFC; -webkit-box-shadow:4px 4px  
4px 4px #FE6FFC; box-shadow:4px 4px 4px  
4px #FE6FFC }
```

# Background

The CSS property to change the background color of an element to Hex FE6FFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE6FFC }
```

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

```
.background{ background-color:#FE6FFC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor