

# Converting Colors

Hex(FF46F6)

Have a look what the booklet for  
Hex(FF46F6) contains.

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**Color**

**Hex(F46F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF46F6
RGB	255, 70, 246
RGB Percent	100%, 27%, 96%
CMY	0.0000, 0.7255, 0.0353
CMYK	0.00, 0.73, 0.04, 0.00
HSL	303°, 100%, 64%
HSV	303°, 73%, 100%
XYZ	60.0647, 32.2941, 90.2564
YIQ	145.3790, 53.7640, 93.9560

# Conversions

## Conversions Part 2

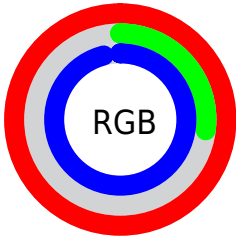
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 70, 246
Decimal	16729846
CIE Lab	63.59, 86.03, -50.66
CIE LCh	64, 99.839, 329.509
Yxy	32.2941, 0.3289, 0.1768
Android (android.graphics.Color)	4294919926 (0xFFFF46F6)
YUV	145.3790, 49.6062, 96.1376
Hunter-Lab	56.8279, 89.2180, -54.3872

# Details

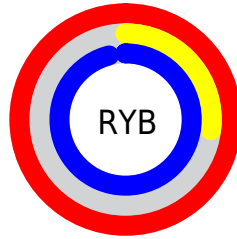
The Hex color **FF46F6** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **46FF4F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF87FF**, and **C200BD** is the 20% darker color. If you saturate the color by 10%, you get **FF2DF5**, and if you desaturate by 10%, it is **FF60F7**.

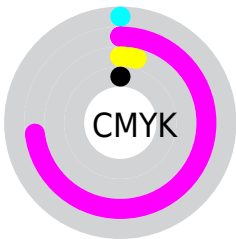
# Distribution



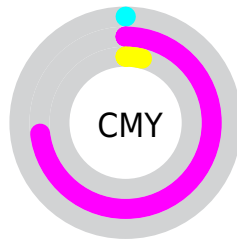
- Red (100%)
- Green (27%)
- Blue (96%)



- Red (100%)
- Yellow (27%)
- Blue (96%)



- Cyan (0%)
- Magenta (73%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF46F6 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 FF46F6 by changing the saturation by 10% instead.



 FF46F6

 FF46F6

FFFFFF

 E018D9

 FF87FF

 C200BD

 FFA5FF

 A400A1

 FFC3FF

 870087

 FFE2FF

 6A006D

 4D0054

 31003C

 0C0025

 00000C

 FF46F6

 FF46F6

 FF2DF5

 FF60F7

 FF13F4

 FF79F8

 FF00F3

 FF93FA

 FFACFB

 FFC6FC

 FFDFFD

 FFF9FF

FFFFFF

# Harmonies

## Analogous

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



8382FF



FF46F6



FF00A0

# Triad

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



FF46F6



BC9600



00BFF0

# Complementary

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



FF46F6



46FF4F

# 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.



00BE96



FF46F6



61AD00

# Square

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



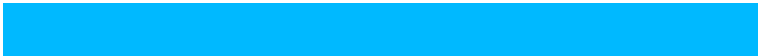
FF46F6



FF6E00



00B934



00B9FF

# Rectangle

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



FF46F6



FF0065



00B934



00BFD3



# Sweetspot

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



FF46F6



FFC7FC



4C46FF



805E7E



000000



808080



# Same Dimension

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



FF46F6



FF21F4



FF469C



80737F



BF00B6



40003D



# Inverse Universe

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



FF46F6



FF21F4



46FFA9



80737F



BF00B6



40003D



# Previews

## White Background



This preview shows how the Hex color FF46F6 looks on a white background.

## Color Contrast Check

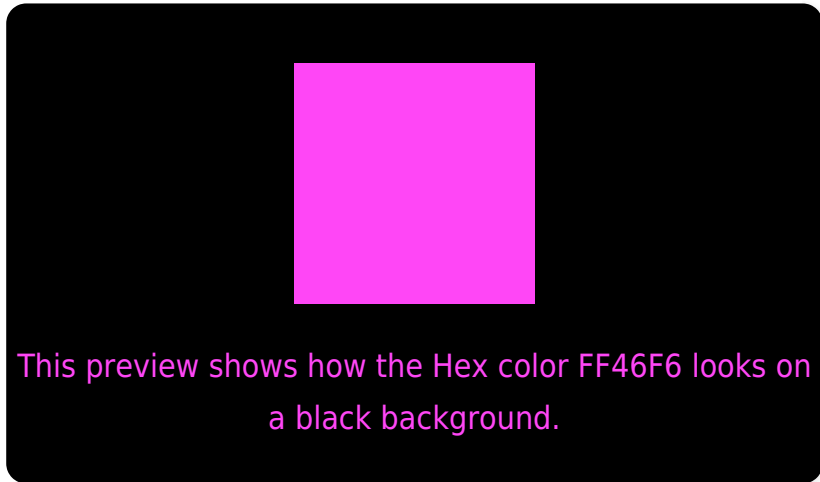
Large Text (above 18pt) WCAG AA × Fail

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

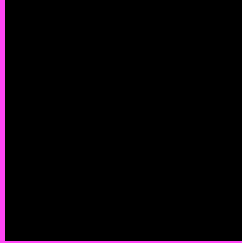
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FF46F6 Background



This preview shows how black text looks on a background with the Hex color FF46F6.



This preview shows how white text looks on a background with the Hex color FF46F6.

# 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**  
F17179

# Trichromacy



**Original Color**  
FF46F6



**Protanomaly**  
A37AFC



**Deuteranomaly**  
A77BEE



**Tritanomaly**  
F661A6

# Monochromacy



**Original Color**  
FF46F6



**Achromatopsia**  
919191



**Achromatomaly**  
B976B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF46F6 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 #FF46F6 looks like.

```
.text, #text, p{  
    color:#FF46F6  
}
```

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 #FF46F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF46F6
}
```

## Border

The CSS property to change the border of an element to Hex FF46F6 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
#FF46F6 }
```

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

```
.border{ border-color:#FF46F6 }
```

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

Here you see how a box with a 4 pixel #FF46F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF46F6; -webkit-box-shadow:4px 4px  
4px 4px #FF46F6; box-shadow:4px 4px 4px  
4px #FF46F6 }
```

# Background

The CSS property to change the background color of an element to Hex FF46F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF46F6 }
```

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

```
.background{ background-color:#FF46F6 }
```

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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