

# Converting Colors

Hex(F445FF)

Have a look what the booklet for  
Hex(F445FF) contains.

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**Color**

**Hex(F445FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F445FF
RGB	244, 69, 255
RGB Percent	96%, 27%, 100%
CMY	0.0431, 0.7294, 0.0000
CMYK	0.04, 0.73, 0.00, 0.00
HSL	296°, 100%, 64%
HSV	296°, 73%, 100%
XYZ	57.4863, 30.7093, 97.5054
YIQ	142.5290, 44.5940, 94.9460

# Conversions

## Conversions Part 2

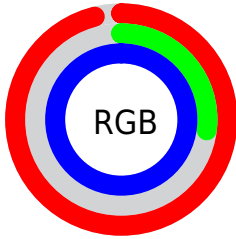
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	244, 69, 255
Decimal	16008703
CIE Lab	62.26, 85.51, -57.84
CIE LCh	62, 103.235, 325.924
Yxy	30.7093, 0.3096, 0.1654
Android (android.graphics.Color)	4294198783 (0xFFFF445FF)
YUV	142.5290, 55.4482, 88.9901
Hunter-Lab	55.4160, 88.1907, -65.5305

# Details

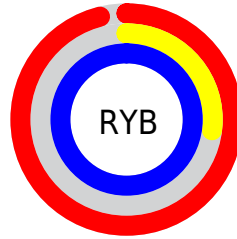
The Hex color **F445FF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **50FF45**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF85FF**, and **B700C5** is the 20% darker color. If you saturate the color by 10%, you get **F22BFF**, and if you desaturate by 10%, it is **F65EFF**.

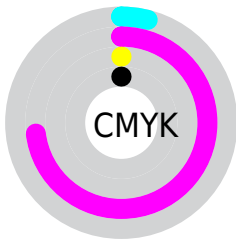
# Distribution



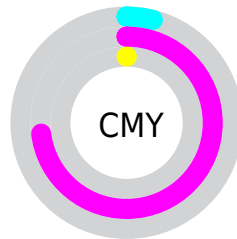
- Red (96%)
- Green (27%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color F445FF 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 F445FF by changing the saturation by 10% instead.



 F445FF

 F445FF

FFFFFF

 D618E2

 FF85FF

 B700C5

 FFA3FF

 9A00AA

 FFC1FF

 7C008E

 FFE0FF

 5F0074

FFFEFF

 43005B

 250042

 00002B

 000115

 F445FF

 F445FF

 F22BFF

 F65EFF

 F112FF

 F778FF

 F000FF

 F992FF

 FAABFF

 FCC4FF

 FDDEFF

 FFF7FF

FFFFFF

# Harmonies

## Analogous

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



5B84FF



F445FF



FF00A7

# Triad

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



F445FF



C18F00



00BCE5

# Complementary

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



F445FF



50FF45

# 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.



00BA87



F445FF



68A800

# Square

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



F445FF



FF6200



00B51A



00B7FF

# Rectangle

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



F445FF



FF006B



00B51A



00BCC7



# Sweetspot

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



F445FF



FCC7FF



4551FF



7E5E80



000000



808080



# Same Dimension

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



F445FF



F21FFF



FF45AE



7F7380



B400BF



3C0040



# Inverse Universe

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



FF4550



FF1F2C



45FF96



807374



BF000B



400004



# Previews

## White Background



This preview shows how the Hex color F445FF 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 F445FF Background



This preview shows how black text looks on a background with the Hex color F445FF.




This preview shows how white text looks on a background with the Hex color F445FF.

# 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**  
E4747C

# Trichromacy



**Original Color**  
F445FF



**Protanomaly**  
9A77FF



**Deuteranomaly**  
9679F7



**Tritanomaly**  
EA63AC

# Monochromacy



**Original Color**  
F445FF



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
B474B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F445FF 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 #F445FF looks like.

```
.text, #text, p{  
    color:#F445FF  
}
```

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 #F445FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F445FF }  
}
```

## Border

The CSS property to change the border of an element to Hex F445FF 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 #F445FF }  
}
```

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

```
.border{ border-color:#F445FF }
```

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

Here you see how a box with a 4 pixel #F445FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F445FF; -webkit-box-shadow:4px 4px  
4px 4px #F445FF; box-shadow:4px 4px 4px  
4px #F445FF }
```

# Background

The CSS property to change the background color of an element to Hex F445FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F445FF }
```

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

```
.background{ background-color:#F445FF }
```

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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