

# Converting Colors

Hex(F64EF6)

Have a look what the booklet for  
Hex(F64EF6) contains.

<b>Hex(F64EF6)</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(F64EF6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F64EF6
RGB	246, 78, 246
RGB Percent	96%, 31%, 96%
CMY	0.0353, 0.6941, 0.0353
CMYK	0.00, 0.68, 0.00, 0.04
HSL	300°, 90%, 64%
HSV	300°, 68%, 96%
XYZ	57.3650, 31.6954, 90.2831
YIQ	147.3840, 46.2000, 87.8640

# Conversions

## Conversions Part 2

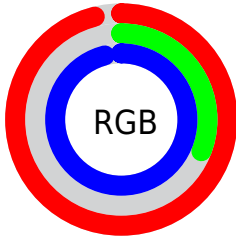
Format	Color
R <sub>Y</sub> B	246, 78, 246
Decimal	16142070
CIE Lab	63.09, 81.64, -51.53
CIE LCh	63, 96.541, 327.739
Yxy	31.6954, 0.3199, 0.1767
Android (android.graphics.Color)	4294332150 (0xFFFF64EF6)
YUV	147.3840, 48.6177, 86.4862
Hunter-Lab	56.2987, 83.3580, -55.6710

# Details

The Hex color **F64EF6** 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 **4EF64E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF8CFF**, and **BA00BD** is the 20% darker color. If you saturate the color by 10%, you get **F635F6**, and if you desaturate by 10%, it is **F667F6**.

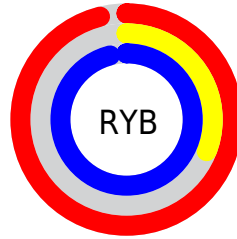
# Distribution



Red (96%)

Green (31%)

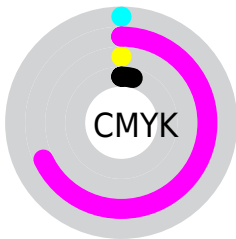
Blue (96%)



Red (96%)

Yellow (31%)

Blue (96%)

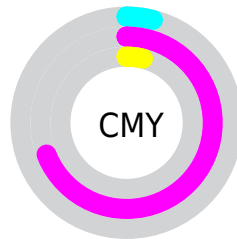


Cyan (0%)

Magenta (68%)

Yellow (0%)

Black (4%)



Cyan (4%)

Magenta (69%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F64EF6 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 F64EF6 by changing the saturation by 10% instead.



 F64EF6

 F64EF6

FFFFFF

 D829D9

 FF8CFF

 BA00BD

 FFAAFF

 9C00A1

 FFC7FF

 7F0087

 FFE6FF

 62006D

 470054

 2A003B

 000024

 00000C

 F64EF6

 F64EF6

 F635F6

 F667F6

 F61DF6

 F67FF6

 F604F6

 F698F6

 F600F6

 F6B0F6

 F6C9F6

 F6E2F6

 F6FAF6

 F6FFF6

# Harmonies

## Analogous

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



7885FF



F64EF6



FF00A3

# Triad

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



F64EF6



BE9300



00BCE7

# Complementary

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



F64EF6



4EF64E

# 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.



00BC8F



F64EF6



69AA00

# Square

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



F64EF6



FE6C00



00B631



00B7FF

# Rectangle

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



F64EF6



FF0D6B



00B631



00BDCB



# Sweetspot

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



F64EF6



FFCCFF



4E4EF6



806180



000000



808080



# Same Dimension

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



F64EF6



FF2EFF



F64EA2



7A6E7A



BA00BA



3B003B



# Inverse Universe

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



F64EF6



FF2EFF



4EF6A2



7A6E7A



BA00BA



3B003B



# Previews

## White Background



This preview shows how the Hex color F64EF6 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

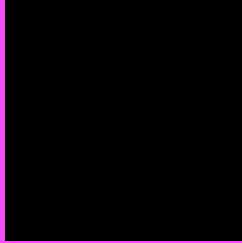
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F64EF6 Background



This preview shows how black text looks on a background with the Hex color F64EF6.



This preview shows how white text looks on a background with the Hex color F64EF6.

# 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](#).

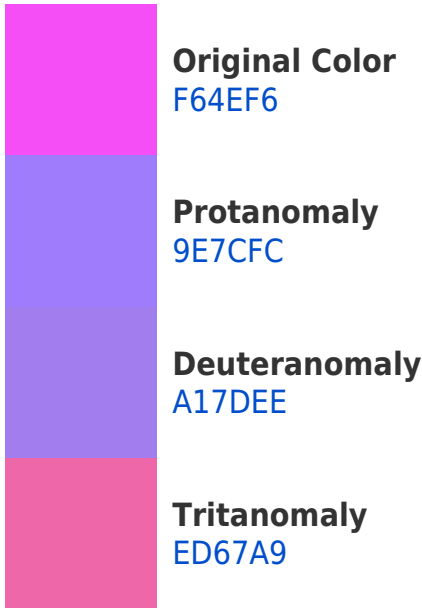
## Dichromacy





**Tritanopia**  
E8757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F64EF6 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 #F64EF6 looks like.

```
.text, #text, p{  
    color:#F64EF6  
}
```

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 #F64EF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F64EF6
}
```

## Border

The CSS property to change the border of an element to Hex F64EF6 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
#F64EF6 }
```

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

```
.border{ border-color:#F64EF6 }
```

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

Here you see how a box with a 4 pixel #F64EF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F64EF6; -webkit-box-shadow:4px 4px  
4px 4px #F64EF6; box-shadow:4px 4px 4px  
4px #F64EF6 }
```

# Background

The CSS property to change the background color of an element to Hex F64EF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F64EF6 }
```

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

```
.background{ background-color:#F64EF6 }
```

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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