

# Converting Colors

Hex(F72CF3)

Have a look what the booklet for  
Hex(F72CF3) contains.

<b>Hex(F72CF3)</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(F72CF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F72CF3
RGB	247, 44, 243
RGB Percent	97%, 17%, 95%
CMY	0.0314, 0.8275, 0.0471
CMYK	0.00, 0.82, 0.02, 0.03
HSL	301°, 93%, 57%
HSV	301°, 82%, 97%
XYZ	55.4361, 28.0466, 87.2857
YIQ	127.3830, 57.1090, 104.9250

# Conversions

## Conversions Part 2

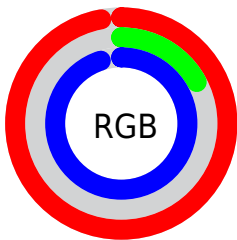
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	247, 44, 243
Decimal	16198899
CIE <sub>Lab</sub>	59.93, 90.47, -54.88
CIE <sub>LCh</sub>	60, 105.809, 328.760
Yxy	28.0466, 0.3246, 0.1642
Android (android.graphics.Color)	4294388979 (0xFFFF72CF3)
YUV	127.3830, 56.9992, 104.9041
Hunter-Lab	52.9590, 94.1708, -60.6490

# Details

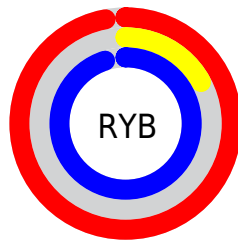
The Hex color **F72CF3** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **2CF730**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF75FF**, and **BA00BA** is the 20% darker color. If you saturate the color by 10%, you get **F713F3**, and if you desaturate by 10%, it is **F745F3**.

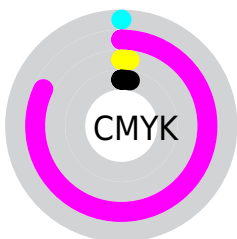
# Distribution



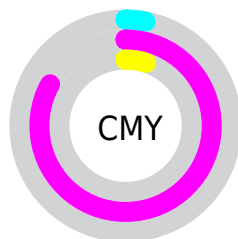
- Red (97%)
- Green (17%)
- Blue (95%)



- Red (97%)
- Yellow (17%)
- Blue (95%)



- Cyan (0%)
- Magenta (82%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (83%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F72CF3 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 F72CF3 by changing the saturation by 10% instead.



 F72CF3

 F72CF3

FFFFFF

 D800D6

 FF75FF

 BA00BA

 FF94FF

 9C009E

 FFB3FF

 7E0084

 FFD2FF

 61006A

 FFF0FF

 460051

 260039

 000022

 000007

 F72CF3

 F72CF3

 F713F3

 F745F3

 F700F2

 F75DF4

 F776F4

 F78FF5

 F7A7F5

 F7C0F6

 F7D9F6

 F7F2F7

 F7FFF7

# Harmonies

## Analogous

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



6979FF



F72CF3



FF0099

# Triad

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



F72CF3



B38C00



00B6E9

# Complementary

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



F72CF3



2CF730

# 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.



00B48A



F72CF3



52A400

# Square

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



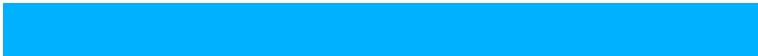
F72CF3



F85F00



00AF1C



00B1FF

# Rectangle

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



F72CF3



FF005C



00AF1C



00B6CA



# Sweetspot

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



F72CF3



FFBFFE



2F2CF7



80597F



000000



808080



# Same Dimension

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



F72CF3



FF03FA



F72C8E



7A6E7A



BA00B6



3B0039



# Inverse Universe

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



F72CF3



FF03FA



2CF795



7A6E7A



BA00B6



3B0039



# Previews

## White Background



This preview shows how the Hex color F72CF3 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

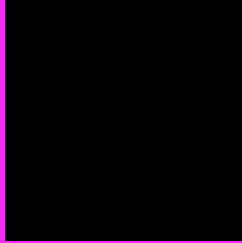
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex F72CF3 Background



This preview shows how black text looks on a background with the Hex color F72CF3.

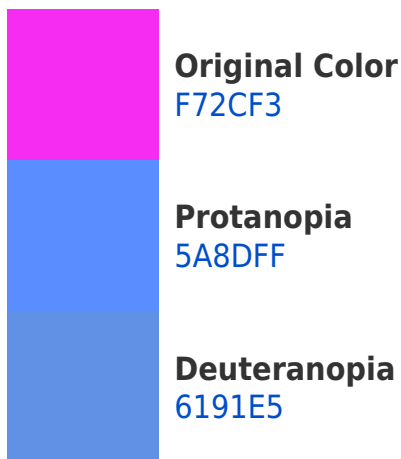


This preview shows how white text looks on a background with the Hex color F72CF3.

# 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**  
E8666D

# Trichromacy



**Original Color**  
F72CF3



**Protanomaly**  
936AFB



**Deuteranomaly**  
986CEA



**Tritanomaly**  
ED519E

# Monochromacy



**Original Color**  
F72CF3



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
AB61A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F72CF3 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 #F72CF3 looks like.

```
.text, #text, p{  
    color:#F72CF3  
}
```

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 #F72CF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F72CF3
}
```

## Border

The CSS property to change the border of an element to Hex F72CF3 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
#F72CF3 }
```

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

```
.border{ border-color:#F72CF3 }
```

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

Here you see how a box with a 4 pixel #F72CF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F72CF3; -webkit-box-shadow:4px 4px  
4px 4px #F72CF3; box-shadow:4px 4px 4px  
4px #F72CF3 }
```

# Background

The CSS property to change the background color of an element to Hex F72CF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F72CF3 }
```

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

```
.background{ background-color:#F72CF3 }
```

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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