

# Converting Colors

Hex(F682F6)

Have a look what the booklet for  
Hex(F682F6) contains.

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# Color

**Hex(F682F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F682F6
RGB	246, 130, 246
RGB Percent	96%, 51%, 96%
CMY	0.0353, 0.4902, 0.0353
CMYK	0.00, 0.47, 0.00, 0.04
HSL	300°, 87%, 74%
HSV	300°, 47%, 96%
XYZ	62.6232, 42.2119, 92.0359
YIQ	177.9080, 31.9000, 60.6680

# Conversions

## Conversions Part 2

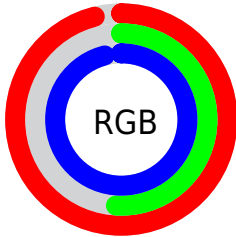
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 130, 246
Decimal	16155382
CIE Lab	71.02, 60.01, -39.07
CIE LCh	71, 71.607, 326.931
Yxy	42.2119, 0.3181, 0.2144
Android (android.graphics.Color)	4294345462 (0xFFFF682F6)
YUV	177.9080, 33.5694, 59.7167
Hunter-Lab	64.9707, 58.3518, -38.5093

# Details

The Hex color **F682F6** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82F682**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFBAFF**, and **BB4BBD** is the 20% darker color. If you saturate the color by 10%, you get **F669F6**, and if you desaturate by 10%, it is **F69BF6**.

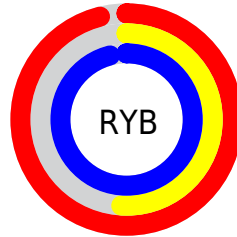
# Distribution



Red (96%)

Green (51%)

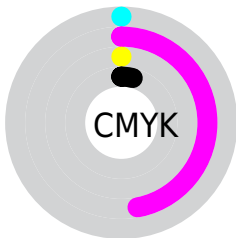
Blue (96%)



Red (96%)

Yellow (51%)

Blue (96%)

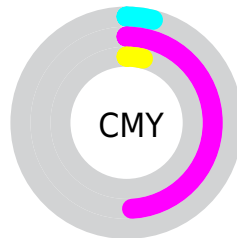


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (4%)



Cyan (4%)

Magenta (49%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F682F6 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 F682F6 by changing the saturation by 10% instead.



 F682F6

 F682F6

FFFFFF

 D866D9

 FFBAFF

 BB4BBD

 FFD7FF

 9F2EA2

 FFF4FF

 830487

 67006E

 4D0055

 35003D

 150026

 00010F

 F682F6

 F682F6

 F669F6

 F69BF6

 F651F6

 F6B3F6

 F638F6

 F6CCF6

 F620F6

 F6E4F6

 F607F6

 F6FDF6

 F600F6

 F6FFF6

# Harmonies

## Analogous

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



A19FFF



F682F6



FF6EB7

# Triad

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



F682F6



D4A813



00CCE7

# Complementary

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



F682F6



82F682

# 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.



00CCA5



F682F6



95BB2A

# Square

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



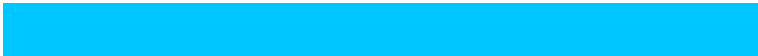
F682F6



FF8F3E



30C763



00C6FF

# Rectangle

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



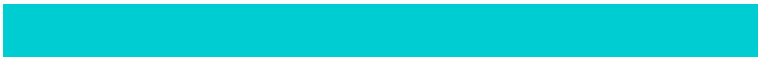
F682F6



FF708C



30C763



00CDD2



# Sweetspot

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



F682F6



FFDBFF



8282F6



806A80



000000



808080



# Same Dimension

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



F682F6



FF6EFF



F682BC



7A6E7A



BA00BA



3B003B



# Inverse Universe

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



F682F6



FF6EFF



82F6BC



7A6E7A



BA00BA



3B003B



# Previews

## White Background



This preview shows how the Hex color F682F6 looks on a white background.

## Color Contrast Check

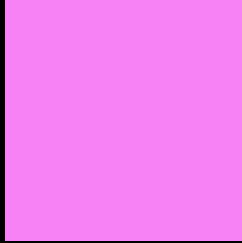
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F682F6 looks on a 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 F682F6 Background



This preview shows how black text looks on a background with the Hex color F682F6.

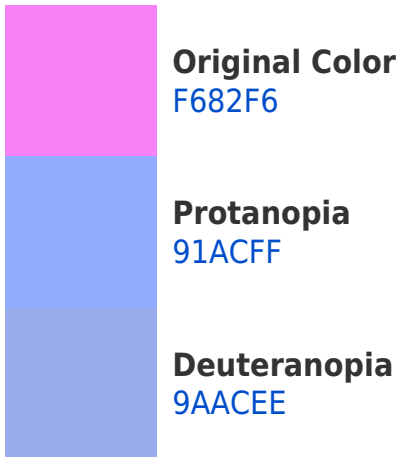


This preview shows how white text looks on a background with the Hex color F682F6.

# 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**  
EB96A1

# Trichromacy



**Original Color**  
F682F6



**Protanomaly**  
B69DFC



**Deuteranomaly**  
BB9DF1



**Tritanomaly**  
EF8FC0

# Monochromacy



**Original Color**  
F682F6



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
CBA1CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F682F6 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 #F682F6 looks like.

```
.text, #text, p{  
    color:#F682F6  
}
```

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 #F682F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F682F6
}
```

## Border

The CSS property to change the border of an element to Hex F682F6 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
#F682F6 }
```

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

```
.border{ border-color:#F682F6 }
```

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

Here you see how a box with a 4 pixel #F682F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F682F6; -webkit-box-shadow:4px 4px  
4px 4px #F682F6; box-shadow:4px 4px 4px  
4px #F682F6 }
```

# Background

The CSS property to change the background color of an element to Hex F682F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F682F6 }
```

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

```
.background{ background-color:#F682F6 }
```

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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