

Converting Colors

Hex(F680F3)

Have a look what the booklet for
Hex(F680F3) contains.

Hex(F680F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F680F3)

Conversions

Conversions Part 1

Format	Color
Hex	F680F3
RGB	246, 128, 243
RGB Percent	96%, 50%, 95%
CMY	0.0353, 0.4980, 0.0471
CMYK	0.00, 0.48, 0.01, 0.04
HSL	302°, 87%, 73%
HSV	302°, 48%, 96%
XYZ	61.9029, 41.5022, 89.5421
YIQ	176.3920, 33.4130, 60.7810

Conversions

Conversions Part 2

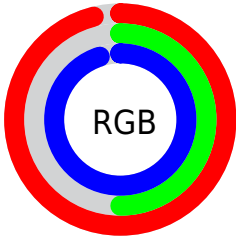
Format	Color
R _Y B	246, 128, 243
Decimal	16154867
CIE Lab	70.53, 60.45, -38.19
CIE LCh	71, 71.503, 327.712
Yxy	41.5022, 0.3208, 0.2151
Android (android.graphics.Color)	4294344947 (0xFFFF680F3)
YUV	176.3920, 32.8377, 61.0462
Hunter-Lab	64.4222, 58.7805, -37.3131

Details

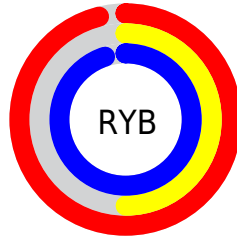
The Hex color **F680F3** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80F683**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFB8FF**, and **BB48BA** is the 20% darker color. If you saturate the color by 10%, you get **F667F2**, and if you desaturate by 10%, it is **F699F4**.

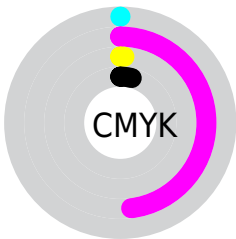
Distribution



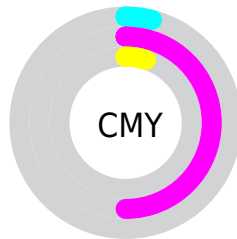
- Red (96%)
- Green (50%)
- Blue (95%)



- Red (96%)
- Yellow (50%)
- Blue (95%)



- Cyan (0%)
- Magenta (48%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color F680F3 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 F680F3 by changing the saturation by 10% instead.

 F680F3

 F680F3

FFFFFF

 D864D6

 FFB8FF

 BB48BA

 FFD5FF

 9F2B9F

 FFF2FF

 830085

 67006B

 4C0052

 35003B

 150024

 00000B

 F680F3

 F680F3

 F667F2

 F699F4

 F64FF2

 F6B1F4

 F636F1

 F6CAF5

 F61EF0

 F6E2F6

 F605F0

 F6FBF6

 F600F0

 F6FFF7

 F6FFF8

 F6FFF9

Harmonies

Analogous

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



A29DFF



F680F3



FF6DB4

Triad

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



F680F3



D1A811



00CBE7

Complementary

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



F680F3



80F683

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.



00CBA5



F680F3



91BA2A

Square

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



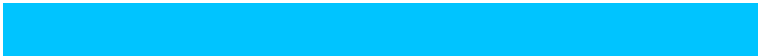
F680F3



FF8E3C



28C563



00C4FF

Rectangle

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



F680F3



FF6F89



28C563



00CBD2

Sweetspot

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



F680F3



FFDBFE



8280F6



806A7F



000000



808080

Same Dimension

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



F680F3



FF6BFB



F680B9



7A6E7A



BA00B5



3B0039

Inverse Universe

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



F680F3



FF6BFB



80F6BD



7A6E7A



BA00B5



3B0039

Previews

White Background



This preview shows how the Hex color F680F3 looks on a white background.

Color Contrast Check

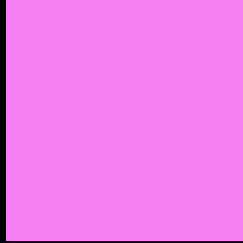
Large Text (above 18pt) WCAG AA × Fail

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 F680F3 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 F680F3 Background



This preview shows how black text looks on a background with the Hex color F680F3.

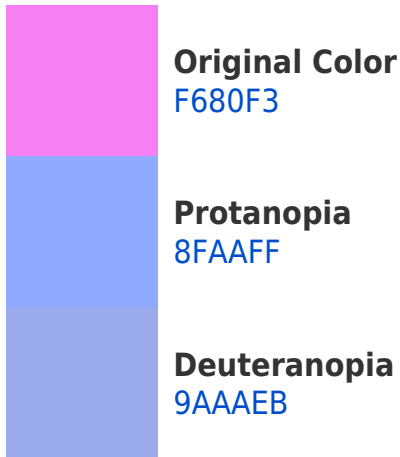



This preview shows how white text looks on a background with the Hex color F680F3.

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
EC949F

Trichromacy



Original Color
F680F3



Protanomaly
B49BFB



Deuteranomaly
BB9BEE



Tritanomaly
F08DBE

Monochromacy



Original Color
F680F3



Achromatopsia
B0B0B0



Achromatomaly
C99FC8

CSS Examples

Text

The CSS property to change the color of the text to Hex F680F3 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 #F680F3 looks like.

```
.text, #text, p{  
    color:#F680F3  
}
```

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 #F680F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F680F3
}
```

Border

The CSS property to change the border of an element to Hex F680F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

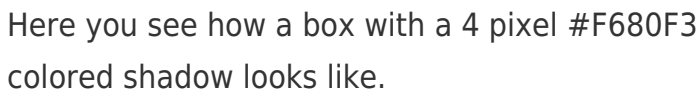
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F680F3 }
```

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

```
.border{ border-color:#F680F3 }
```

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



Here you see how a box with a 4 pixel #F680F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F680F3; -webkit-box-shadow:4px 4px  
4px 4px #F680F3; box-shadow:4px 4px 4px  
4px #F680F3 }
```

Background

The CSS property to change the background color of an element to Hex F680F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F680F3 }
```

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

```
.background{ background-color:#F680F3 }
```

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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