

Converting Colors

Hex(F688E0)

Have a look what the booklet for
Hex(F688E0) contains.

Hex(F688E0)	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(F688E0)

Conversions

Conversions Part 1

Format	Color
Hex	F688E0
RGB	246, 136, 224
RGB Percent	96%, 53%, 88%
CMY	0.0353, 0.4667, 0.1216
CMYK	0.00, 0.45, 0.09, 0.04
HSL	312°, 86%, 75%
HSV	312°, 45%, 96%
XYZ	60.2647, 42.5830, 75.5640
YIQ	178.9220, 37.3120, 50.6880

Conversions

Conversions Part 2

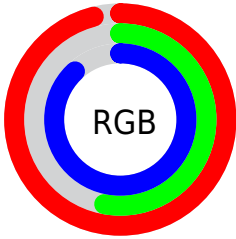
Format	Color
R _Y B	246, 136, 224
Decimal	16156896
CIE Lab	71.27, 53.38, -26.60
CIE LCh	71, 59.642, 333.509
Yxy	42.5830, 0.3378, 0.2387
Android (android.graphics.Color)	4294346976 (0xFFFF688E0)
YUV	178.9220, 22.2235, 58.8274
Hunter-Lab	65.2556, 50.6506, -22.9771

Details

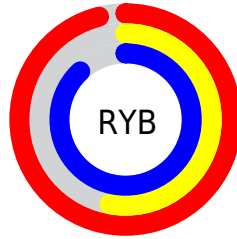
The Hex color **F688E0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **88F69E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFC0FF**, and **BC52A9** is the 20% darker color. If you saturate the color by 10%, you get **F66FDB**, and if you desaturate by 10%, it is **F6A1E5**.

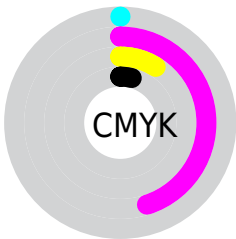
Distribution



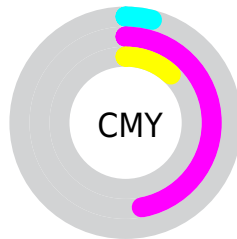
- Red (96%)
- Green (53%)
- Blue (88%)



- Red (96%)
- Yellow (53%)
- Blue (88%)



- Cyan (0%)
- Magenta (45%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color F688E0 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 F688E0 by changing the saturation by 10% instead.

 F688E0

 F688E0

FFFFFF

 D96DC4

 FFC0FF

 BC52A9

 FFDDFF

 9F368E

 FFFAFF

 841774

 68005B

 4E0043

 36002D

 170017

 000000

 F688E0

 F688E0

 F66FDB

 F6A1E5

 F657D6

 F6B9EA

 F63ED1

 F6D2EF

 F626CC

 F6EAF4

 F60DC7

 F6FFF9

 F600C5

 F6FFFE

 F6FFFF

Harmonies

Analogous

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



B99EFF



F688E0



FF7EAA

Triad

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



F688E0



C7AE3B



00C8E9

Complementary

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



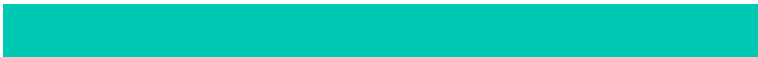
F688E0



88F69E

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.



00C9B3



F688E0



8EBD4F

Square

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



F688E0



F39A4C



3CC67C



00C1FF

Rectangle

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



F688E0



FF8186



3CC67C



00C9D8

Sweetspot

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



F688E0



FFDEF8



9E88F6



806B7B



000000



808080

Same Dimension

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



F688E0



FF75E3



F688A9



7A6E78



BA0095



3B002F

Inverse Universe

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



F688E0



FF75E3



88F6D5



7A6E78



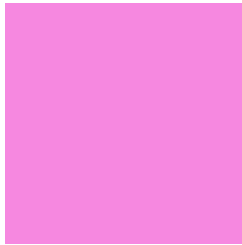
BA0095



3B002F

Previews

White Background



This preview shows how the Hex color F688E0 looks on a white background.

Color Contrast Check

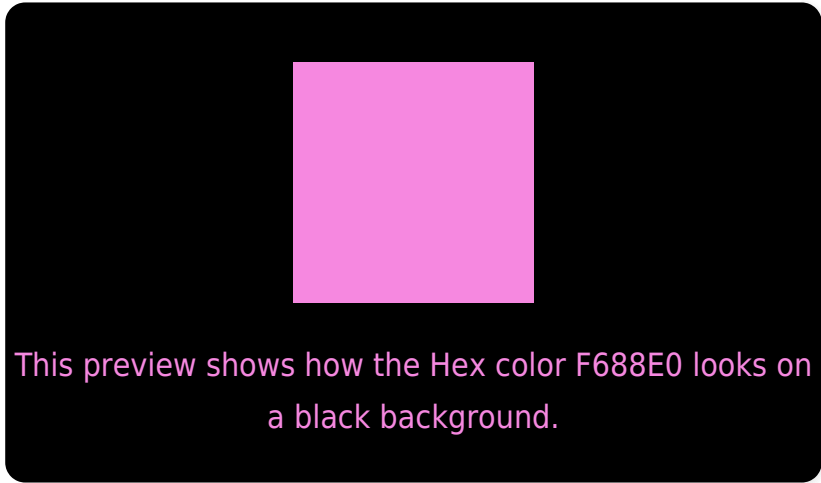
Large Text (above 18pt) WCAG AA × Fail

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 F688E0 Background



This preview shows how black text looks on a background with the Hex color F688E0.

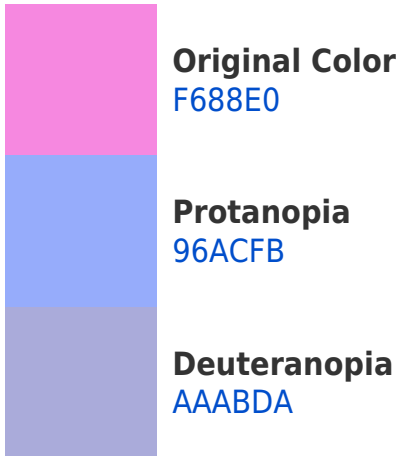


This preview shows how white text looks on a background with the Hex color F688E0.

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



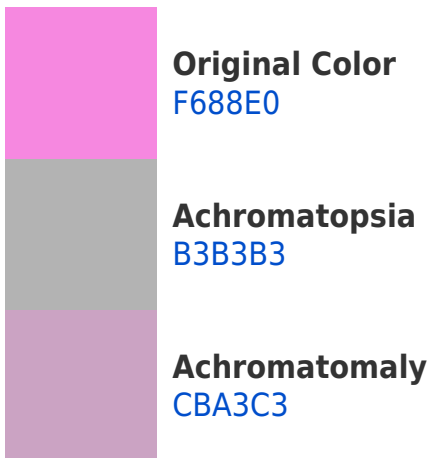


Tritanopia
EF95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F688E0 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 #F688E0 looks like.

```
.text, #text, p{  
    color:#F688E0  
}
```

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 #F688E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F688E0
}
```

Border

The CSS property to change the border of an element to Hex F688E0 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
#F688E0 }
```

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

```
.border{ border-color:#F688E0 }
```

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

Here you see how a box with a 4 pixel #F688E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F688E0; -webkit-box-shadow:4px 4px  
4px 4px #F688E0; box-shadow:4px 4px 4px  
4px #F688E0 }
```

Background

The CSS property to change the background color of an element to Hex F688E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F688E0 }
```

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

```
.background{ background-color:#F688E0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor