

Converting Colors

Hex(F681E0)

Have a look what the booklet for
Hex(F681E0) contains.

Hex(F681E0)	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(F681E0)

Conversions

Conversions Part 1

Format	Color
Hex	F681E0
RGB	246, 129, 224
RGB Percent	96%, 51%, 88%
CMY	0.0353, 0.4941, 0.1216
CMYK	0.00, 0.48, 0.09, 0.04
HSL	311°, 87%, 74%
HSV	311°, 48%, 96%
XYZ	59.3108, 40.6752, 75.2461
YIQ	174.8130, 39.2370, 54.3490

Conversions

Conversions Part 2

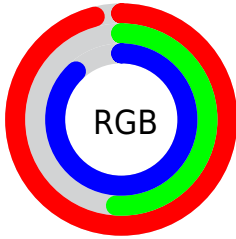
Format	Color
R _Y B	246, 129, 224
Decimal	16155104
CIE Lab	69.95, 56.81, -28.64
CIE LCh	70, 63.615, 333.246
Yxy	40.6752, 0.3385, 0.2321
Android (android.graphics.Color)	4294345184 (0xFFFF681E0)
YUV	174.8130, 24.2492, 62.4310
Hunter-Lab	63.7771, 54.3899, -25.3081

Details

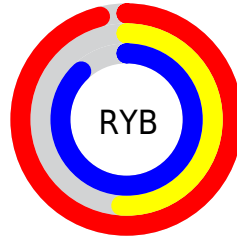
The Hex color **F681E0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81F697**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFB9FF**, and **BB4AA9** is the 20% darker color. If you saturate the color by 10%, you get **F668DB**, and if you desaturate by 10%, it is **F69AE5**.

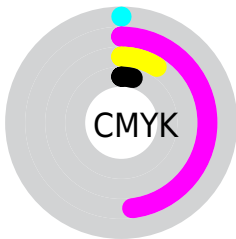
Distribution



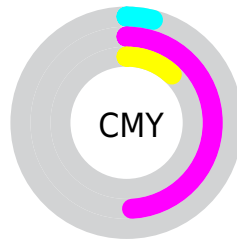
- Red (96%)
- Green (51%)
- Blue (88%)



- Red (96%)
- Yellow (51%)
- Blue (88%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color F681E0 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 F681E0 by changing the saturation by 10% instead.

 F681E0

 F681E0

FFFFFF

 D866C4

 FFB9FF

 BB4AA9

 FFD6FF

 9F2D8E

 FFF3FF

 830674

 68005B

 4D0043

 36002D

 130017

 000000

 F681E0

 F681E0

 F668DB

 F69AE5

 F650D7

 F6B2E9

 F637D2

 F6CBEE

 F61FCD

 F6E3F3

 F606C9

 F6FCF7

 F600C8

 F6FFFC

 F6FFFF

Harmonies

Analogous

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



B599FF



F681E0



FF75A7

Triad

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



F681E0



C4AA2C



00C6E9

Complementary

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



F681E0



81F697

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.



00C7B0



F681E0



88BA43

Square

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



F681E0



F29542



26C374



00BEFF

Rectangle

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



F681E0



FF7981



26C374



00C7D7

Sweetspot

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



F681E0



FFDBF8



9681F6



806A7B



000000



808080

Same Dimension

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



F681E0



FF6EE4



F681A6



7A6E78



BA0097



3B0030

Inverse Universe

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



F681E0



FF6EE4



81F6D1



7A6E78



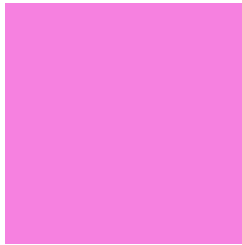
BA0097



3B0030

Previews

White Background



This preview shows how the Hex color F681E0 looks on a white background.

Color Contrast Check

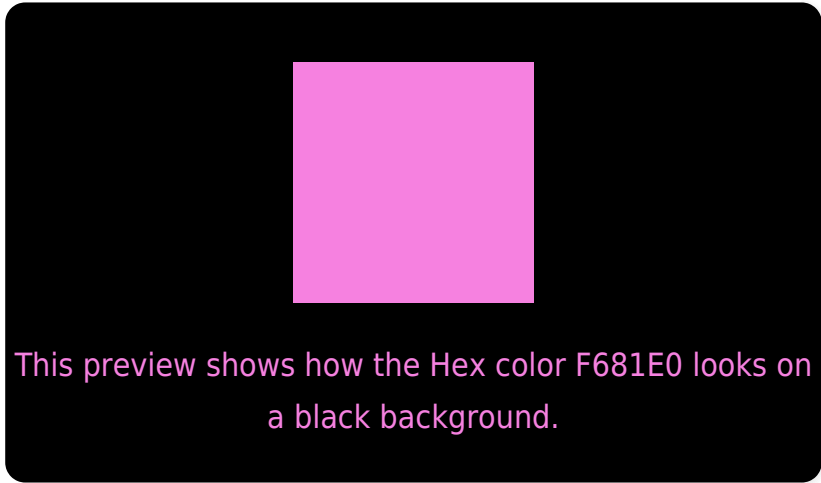
Large Text (above 18pt) WCAG AA × Fail

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 F681E0 Background



This preview shows how black text looks on a background with the Hex color F681E0.



This preview shows how white text looks on a background with the Hex color F681E0.

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
EE909B

Trichromacy



Original Color
F681E0



Protanomaly
B49AF4



Deuteranomaly
C29ADC



Tritanomaly
F18BB4

Monochromacy



Original Color
F681E0



Achromatopsia
AFAFAF



Achromatomaly
C99EC1

CSS Examples

Text

The CSS property to change the color of the text to Hex F681E0 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 #F681E0 looks like.

```
.text, #text, p{  
    color:#F681E0  
}
```

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 #F681E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F681E0
}
```

Border

The CSS property to change the border of an element to Hex F681E0 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
#F681E0 }
```

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

```
.border{ border-color:#F681E0 }
```

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

Here you see how a box with a 4 pixel #F681E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F681E0; -webkit-box-shadow:4px 4px  
4px 4px #F681E0; box-shadow:4px 4px 4px  
4px #F681E0 }
```

Background

The CSS property to change the background color of an element to Hex F681E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F681E0 }
```

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

```
.background{ background-color:#F681E0 }
```

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