

Converting Colors

Hex(F68EC4)

Have a look what the booklet for
Hex(F68EC4) contains.

Hex(F68EC4)	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(F68EC4)

Conversions

Conversions Part 1

Format	Color
Hex	F68EC4
RGB	246, 142, 196
RGB Percent	96%, 56%, 77%
CMY	0.0353, 0.4431, 0.2314
CMYK	0.00, 0.42, 0.20, 0.04
HSL	329°, 85%, 76%
HSV	329°, 42%, 96%
XYZ	57.6428, 42.9244, 57.4717
YIQ	179.2520, 44.6500, 38.8420

Conversions

Conversions Part 2

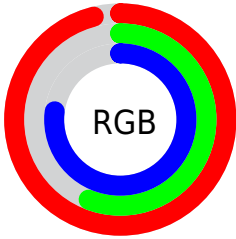
Format	Color
R _Y B	246, 142, 196
Decimal	16158404
CIE Lab	71.50, 46.06, -10.76
CIE LCh	72, 47.296, 346.845
Yxy	42.9244, 0.3647, 0.2716
Android (android.graphics.Color)	4294348484 (0xFFFF68EC4)
YUV	179.2520, 8.2568, 58.5380
Hunter-Lab	65.5167, 42.3936, -6.1479

Details

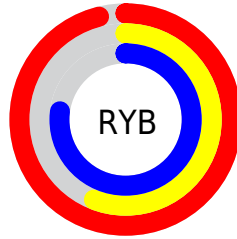
The Hex color **F68EC4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8EF6C0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFC6FD**, and **BC598E** is the 20% darker color. If you saturate the color by 10%, you get **F675B8**, and if you desaturate by 10%, it is **F6A7D0**.

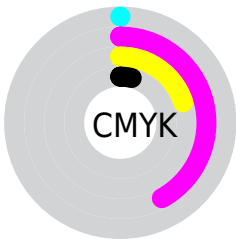
Distribution



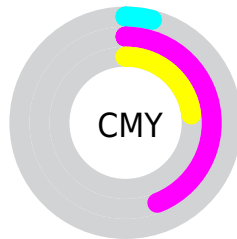
- Red (96%)
- Green (56%)
- Blue (77%)



- Red (96%)
- Yellow (56%)
- Blue (77%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color F68EC4 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 F68EC4 by changing the saturation by 10% instead.

 F68EC4

 F68EC4

FFFFFF

 D973A9

 FFC6FD

 BC598E

 FFE2FF

 9F3F75

 84235C

 680044

 4E002E

 36001A

 150000

 000000

 F68EC4

 F68EC4

 F675B8

 F6A7D0

 F65DAC

 F6BFDC

 F644A1

 F6D8E7

 F62C95

 F6F0F3

 F61389

 F6FFFF

 F60080

Harmonies

Analogous

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



D29BEB



F68EC4



FF8D98

Triad

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



F68EC4



B2B45A



00C2ED

Complementary

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



F68EC4



8EF6C0

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.



00C5C7



F68EC4



81BF72

Square

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



F68EC4



DAA65A



3EC49A



34B9FF

Rectangle

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



F68EC4



FC927E



3EC49A



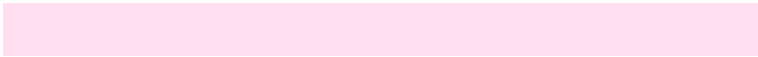
00C4E2

Sweetspot

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



F68EC4



FFDEEF



BF8EF6



806B76



000000



808080

Same Dimension

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



F68EC4



FF7DC0



F68E91



7A6E75



BA0061



3B001E

Inverse Universe

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



F68EC4



FF7DC0



8EF6F3



7A6E75



BA0061



3B001E

Previews

White Background



This preview shows how the Hex color F68EC4 looks on a white background.

Color Contrast Check

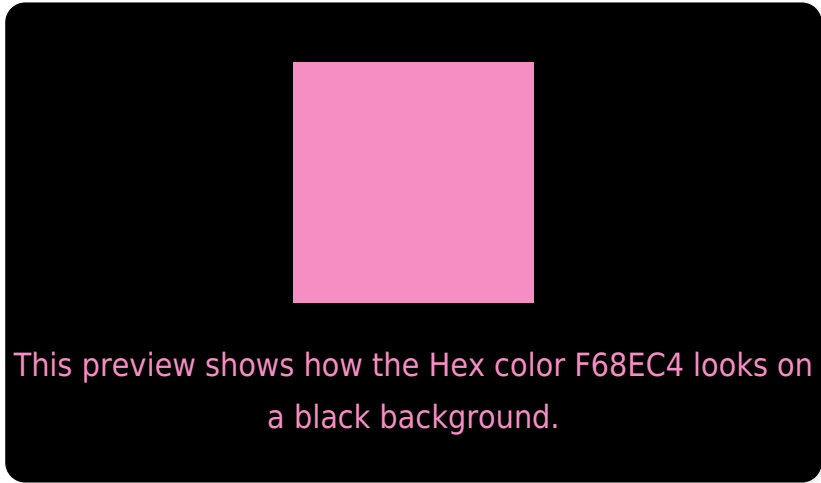
Large Text (above 18pt) WCAG AA × Fail

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 F68EC4 Background



This preview shows how black text looks on a background with the Hex color F68EC4.



This preview shows how white text looks on a background with the Hex color F68EC4.

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
F295A0

Trichromacy



Original Color
F68EC4



Protanomaly
C2A2D1



Deuteranomaly
D0A0C1



Tritanomaly
F392AD

Monochromacy



Original Color
F68EC4



Achromatopsia
B3B3B3



Achromatomaly
CBA6B9

CSS Examples

Text

The CSS property to change the color of the text to Hex F68EC4 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 #F68EC4 looks like.

```
.text, #text, p{  
    color:#F68EC4  
}
```

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 #F68EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F68EC4
}
```

Border

The CSS property to change the border of an element to Hex F68EC4 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
#F68EC4 }
```

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

```
.border{ border-color:#F68EC4 }
```

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

Here you see how a box with a 4 pixel #F68EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F68EC4; -webkit-box-shadow:4px 4px  
4px 4px #F68EC4; box-shadow:4px 4px 4px  
4px #F68EC4 }
```

Background

The CSS property to change the background color of an element to Hex F68EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F68EC4 }
```

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

```
.background{ background-color:#F68EC4 }
```

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