

# Converting Colors

Hex(F068C4)

Have a look what the booklet for  
Hex(F068C4) contains.

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**Color**

**Hex(F068C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F068C4
RGB	240, 104, 196
RGB Percent	94%, 41%, 77%
CMY	0.0588, 0.5922, 0.2314
CMYK	0.00, 0.57, 0.18, 0.06
HSL	319°, 82%, 67%
HSV	319°, 57%, 94%
XYZ	50.8493, 32.4114, 55.8005
YIQ	155.1520, 51.5240, 57.4440

# Conversions

## Conversions Part 2

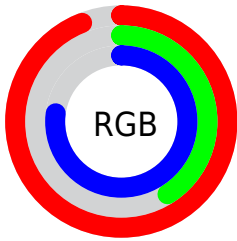
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 104, 196
Decimal	15755460
CIE Lab	63.68, 62.45, -22.67
CIE LCh	64, 66.432, 340.049
Yxy	32.4114, 0.3657, 0.2331
Android (android.graphics.Color)	4293945540 (0xFFFF068C4)
YUV	155.1520, 20.1381, 74.4117
Hunter-Lab	56.9310, 59.8022, -18.2609

# Details

The Hex color **F068C4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **68F094**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA0FD**, and **B52D8E** is the 20% darker color. If you saturate the color by 10%, you get **F050BC**, and if you desaturate by 10%, it is **F080CC**.

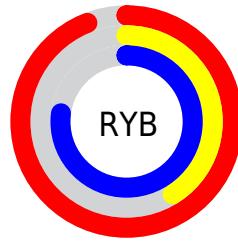
# Distribution



Red (94%)

Green (41%)

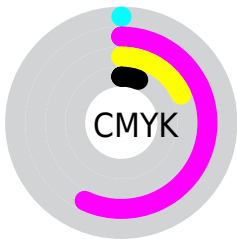
Blue (77%)



Red (94%)

Yellow (41%)

Blue (77%)

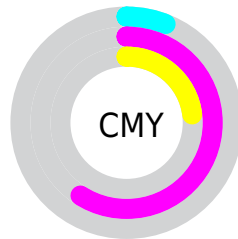


Cyan (0%)

Magenta (57%)

Yellow (18%)

Black (6%)



Cyan (6%)

Magenta (59%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F068C4 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 F068C4 by changing the saturation by 10% instead.



 F068C4

 F068C4

FFFFFF

 D24BA9

 FFA0FD

 B52D8E

 FFBDFE

 980074

 FFDAFF

 7C005C

 FFF8FF

 600044

 45002D

 2B0018

 000000

 F068C4

 F068C4

 F050BC

 F080CC

 F038B4

 F098D4

 F020AD

 F0B0DB

 F008A5

 F0C8E3

 F000A2

 F0E0EB

 F0F8F3

 F0FFFA

 F0FFFF

# Harmonies

## Analogous

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



B681F6



F068C4



FF5F89

# Triad

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



F068C4



A59E0A



00B4E5

# Complementary

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



F068C4



68F094

# 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.



00B6AD



F068C4



64AC37

# Square

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



F068C4



D78921



00B36F



00ABFF

# Rectangle

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



F068C4



FF6863



00B36F



00B5D4



# Sweetspot

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



F068C4



FFD4F1



9368F0



806677



000000



808080



# Same Dimension

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



F068C4



FF52C7



F06881



786C74



B8007C



380026



# Inverse Universe

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



F068C4



FF52C7



68F0D7



786C74



B8007C



380026



# Previews

## White Background



This preview shows how the Hex color F068C4 looks on a white background.

## Color Contrast Check

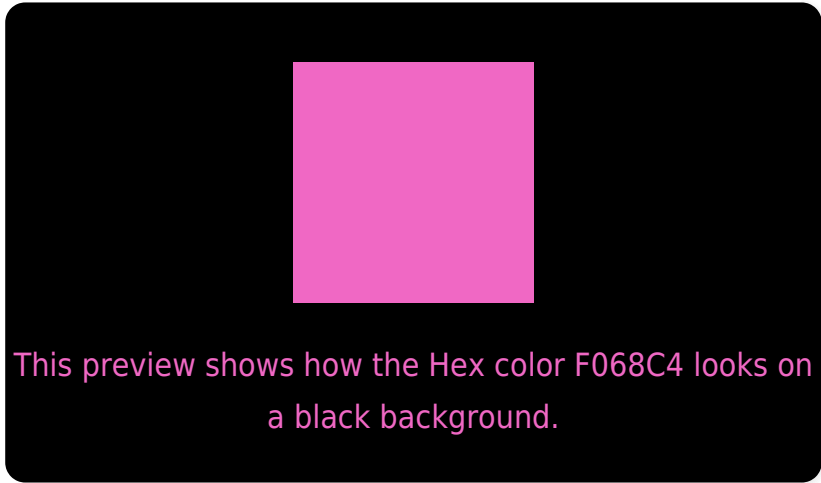
Large Text (above 18pt) WCAG AA × Fail

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

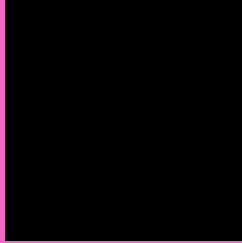
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F068C4 Background



This preview shows how black text looks on a background with the Hex color F068C4.



This preview shows how white text looks on a background with the Hex color F068C4.

# 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**  
E97880

# Trichromacy



**Original Color**  
F068C4



**Protanomaly**  
A887DB



**Deuteranomaly**  
B986BF

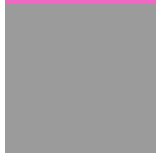


**Tritanomaly**  
EC7299

# Monochromacy



**Original Color**  
F068C4



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
BA88AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F068C4 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 #F068C4 looks like.

```
.text, #text, p{  
    color:#F068C4  
}
```

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 #F068C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F068C4
}
```

## Border

The CSS property to change the border of an element to Hex F068C4 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
#F068C4 }
```

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

```
.border{ border-color:#F068C4 }
```

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

Here you see how a box with a 4 pixel #F068C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F068C4; -webkit-box-shadow:4px 4px  
4px 4px #F068C4; box-shadow:4px 4px 4px  
4px #F068C4 }
```

# Background

The CSS property to change the background color of an element to Hex F068C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F068C4 }
```

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

```
.background{ background-color:#F068C4 }
```

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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