

Converting Colors

Hex(F67CA2)

Have a look what the booklet for
Hex(F67CA2) contains.

Hex(F67CA2)	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(F67CA2)

Conversions

Conversions Part 1

Format	Color
Hex	F67CA2
RGB	246, 124, 162
RGB Percent	96%, 49%, 64%
CMY	0.0353, 0.5137, 0.3647
CMYK	0.00, 0.50, 0.34, 0.04
HSL	341°, 87%, 73%
HSV	341°, 50%, 96%
XYZ	51.7353, 36.6168, 38.5234
YIQ	164.8100, 60.5140, 37.6820

Conversions

Conversions Part 2

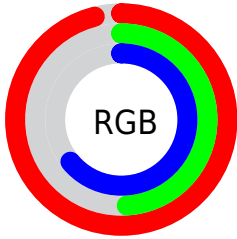
Format	Color
R _Y B	246, 124, 162
Decimal	16153762
CIE Lab	66.99, 50.53, 1.63
CIE LCh	67, 50.561, 1.846
Yxy	36.6168, 0.4078, 0.2886
Android (android.graphics.Color)	4294343842 (0xFFFF67CA2)
YUV	164.8100, -1.3853, 71.2036
Hunter-Lab	60.5118, 46.7151, 4.6127

Details

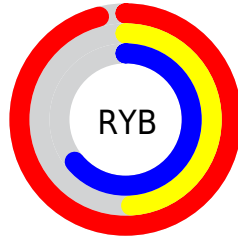
The Hex color **F67CA2** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7CF6D0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB3D9**, and **BA466F** is the 20% darker color. If you saturate the color by 10%, you get **F66391**, and if you desaturate by 10%, it is **F695B3**.

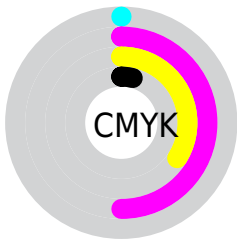
Distribution



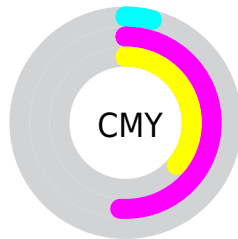
- Red (96%)
- Green (49%)
- Blue (64%)



- Red (96%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color F67CA2 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 F67CA2 by changing the saturation by 10% instead.

 F67CA2

 F67CA2

FFFFFF

 D86188

 FFB3D9

 BA466F

 FFD0F5

 9D2A56

 FFEDFF

 81033F

 650029

 490015

 300002

 000000

 F67CA2

 F67CA2

 F66391

 F695B3

 F64B80

 F6ADC4

 F6326F

 F6C6D5

 F61A5E

 F6DEE6

 F6014D

 F6F7F7

 F6004D

 F6FFFF

Harmonies

Analogous

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



DD85CF



F67CA2



F58275

Triad

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



F67CA2



8CAE52



00B3F2

Complementary

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



F67CA2



7CF6D0

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.



00B9D2



F67CA2



4FB676

Square

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



F67CA2



BBA144



00BAA4



54A7FE

Rectangle

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



F67CA2



E98B5D



00BAA4



00B6EA

Sweetspot

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



F67CA2



FFD9E5



CF7CF6



806970



000000



808080

Same Dimension

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



F67CA2



FF6696



F6927C



7A6E72



BA003A



3B0012

Inverse Universe

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



F67CA2



FF6696



7CE0F6



7A6E72



BA003A



3B0012

Previews

White Background



This preview shows how the Hex color F67CA2 looks on a white background.

Color Contrast Check

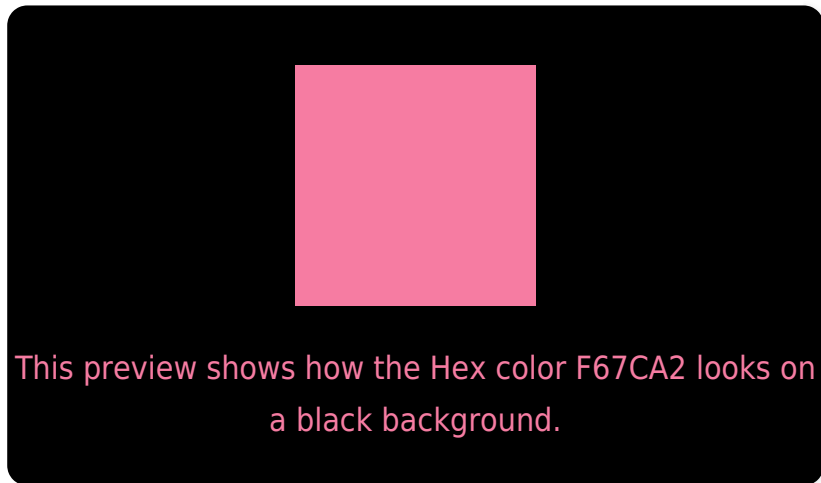
Large Text (above 18pt) WCAG AA × Fail

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 F67CA2 Background



This preview shows how black text looks on a background with the Hex color F67CA2.



This preview shows how white text looks on a background with the Hex color F67CA2.

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
F4808A

Trichromacy



Original Color
F67CA2



Protanomaly
BF94B1



Deuteranomaly
CD929E

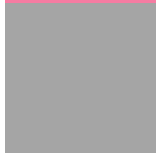


Tritanomaly
F57F93

Monochromacy



Original Color
F67CA2



Achromatopsia
A5A5A5



Achromatomaly
C296A4

CSS Examples

Text

The CSS property to change the color of the text to Hex F67CA2 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 #F67CA2 looks like.

```
.text, #text, p{  
    color:#F67CA2  
}
```

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 #F67CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F67CA2
}
```

Border

The CSS property to change the border of an element to Hex F67CA2 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
#F67CA2 }
```

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

```
.border{ border-color:#F67CA2 }
```

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

Here you see how a box with a 4 pixel #F67CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F67CA2; -webkit-box-shadow:4px 4px  
4px 4px #F67CA2; box-shadow:4px 4px 4px  
4px #F67CA2 }
```

Background

The CSS property to change the background color of an element to Hex F67CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F67CA2 }
```

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

```
.background{ background-color:#F67CA2 }
```

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