

Converting Colors

Hex(F06CA8)

Have a look what the booklet for
Hex(F06CA8) contains.

Hex(F06CA8)	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(F06CA8)

Conversions

Conversions Part 1

Format	Color
Hex	F06CA8
RGB	240, 108, 168
RGB Percent	94%, 42%, 66%
CMY	0.0588, 0.5765, 0.3412
CMYK	0.00, 0.55, 0.30, 0.06
HSL	333°, 81%, 68%
HSV	333°, 55%, 94%
XYZ	48.3656, 32.0775, 40.6882
YIQ	154.3080, 59.4120, 46.6440

Conversions

Conversions Part 2

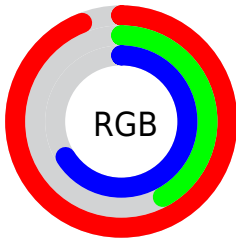
Format	Color
R_{YB}	240, 108, 168
Decimal	15756456
CIE _{Lab}	63.41, 56.91, -7.15
CIE _{LCh}	63, 57.357, 352.841
Yxy	32.0775, 0.3993, 0.2648
Android (android.graphics.Color)	4293946536 (0xFFFF06CA8)
YUV	154.3080, 6.7502, 75.1519
Hunter-Lab	56.6370, 53.3166, -2.9482

Details

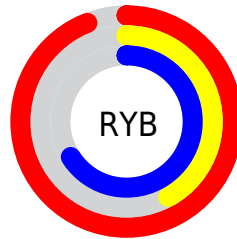
The Hex color **F06CA8** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6CF0B4**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA4DF**, and **B53374** is the 20% darker color. If you saturate the color by 10%, you get **F0549B**, and if you desaturate by 10%, it is **F084B5**.

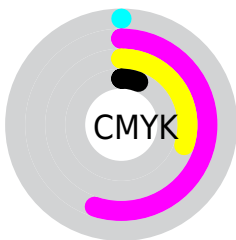
Distribution



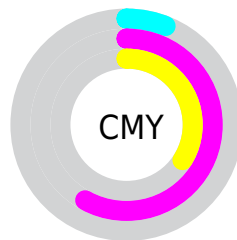
- Red (94%)
- Green (42%)
- Blue (66%)



- Red (94%)
- Yellow (42%)
- Blue (66%)



- Cyan (0%)
- Magenta (55%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color F06CA8 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 F06CA8 by changing the saturation by 10% instead.

 F06CA8

 F06CA8

FFFFFF

 D2508E

 FFA4DF

 B53374

 FFC0FC

 980E5B

 FFDDFF

 7B0044

 FFFBFF

 5F002E

 44001A

 290001

 000000

 F06CA8

 F06CA8

 F0549B

 F084B5

 F03C8E

 F09CC2

 F02481

 F0B4CF

 F00C74

 F0CCDC

 F0006D

 F0E4E9

 F0FCF7

 F0FFFF

Harmonies

Analogous

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



CC7CD8



F06CA8



F66E75

Triad

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



F06CA8



8FA234



00AEEA

Complementary

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



F06CA8



6CF0B4

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.



00B2C0



F06CA8



4EAD59

Square

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



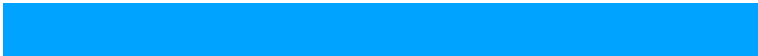
F06CA8



BF932D



00B28B



00A3FF

Rectangle

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



F06CA8



EC7856



00B28B



00B0DE

Sweetspot

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



F06CA8



FFD4E7



B26CF0



806672



000000



808080

Same Dimension

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



F06CA8



FF57A3



F0706C



786C71



B80053



380019

Inverse Universe

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



F06CA8



FF57A3



6CECF0



786C71



B80053



380019

Previews

White Background



This preview shows how the Hex color F06CA8 looks on a white background.

Color Contrast Check

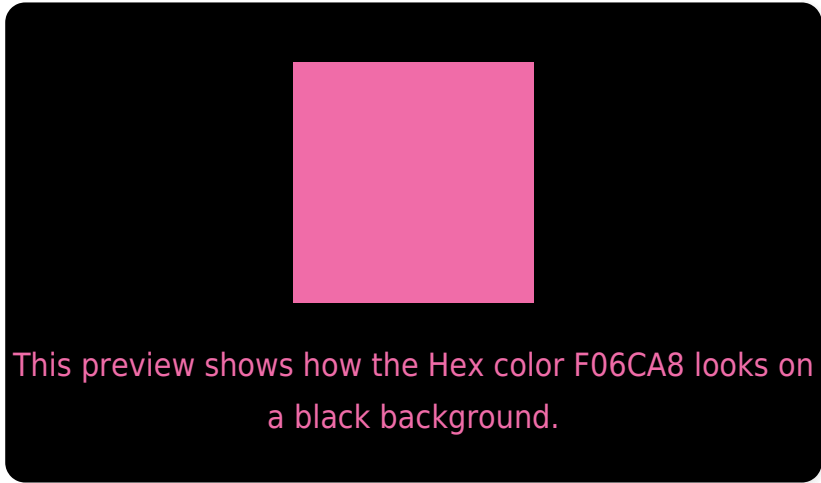
Large Text (above 18pt) WCAG AA × Fail

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 F06CA8 Background



This preview shows how black text looks on a background with the Hex color F06CA8.

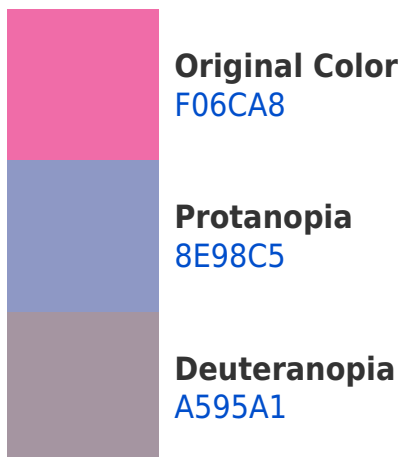


This preview shows how white text looks on a background with the Hex color F06CA8.

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



Trichromacy



Original Color
F06CA8



Protanomaly
B288BA



Deuteranomaly
C086A4



Tritanomaly
ED728D

Monochromacy



Original Color
F06CA8



Achromatopsia
9A9A9A



Achromatomaly
B9899F

CSS Examples

Text

The CSS property to change the color of the text to Hex F06CA8 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 #F06CA8 looks like.

```
.text, #text, p{  
    color:#F06CA8  
}
```

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 #F06CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F06CA8
}
```

Border

The CSS property to change the border of an element to Hex F06CA8 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
#F06CA8 }
```

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

```
.border{ border-color:#F06CA8 }
```

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

Here you see how a box with a 4 pixel #F06CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F06CA8; -webkit-box-shadow:4px 4px  
4px 4px #F06CA8; box-shadow:4px 4px 4px  
4px #F06CA8 }
```

Background

The CSS property to change the background color of an element to Hex F06CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F06CA8 }
```

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

```
.background{ background-color:#F06CA8 }
```

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