

# Converting Colors

Hex(F06AC8)

Have a look what the booklet for  
Hex(F06AC8) contains.

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**Color**

**Hex(F06AC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F06AC8
RGB	240, 106, 200
RGB Percent	94%, 42%, 78%
CMY	0.0588, 0.5843, 0.2157
CMYK	0.00, 0.56, 0.17, 0.06
HSL	318°, 82%, 68%
HSV	318°, 56%, 94%
XYZ	51.5145, 33.0035, 58.2988
YIQ	156.7820, 49.6900, 57.6420

# Conversions

## Conversions Part 2

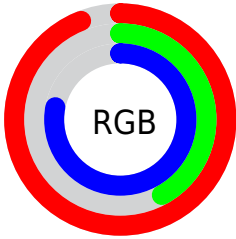
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	240, 106, 200
Decimal	15755976
CIE <sub>Lab</sub>	64.16, 62.13, -24.19
CIE <sub>LCh</sub>	64, 66.672, 338.726
Y <sub>xy</sub>	33.0035, 0.3607, 0.2311
Android (android.graphics.Color)	4293946056 (0xFFFF06AC8)
YUV	156.7820, 21.3065, 72.9822
Hunter-Lab	57.4486, 59.5269, -19.9533

# Details

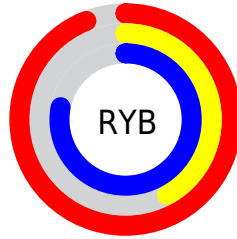
The Hex color **F06AC8** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6AF092**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA2FF**, and **B52F92** is the 20% darker color. If you saturate the color by 10%, you get **F052C1**, and if you desaturate by 10%, it is **F082CF**.

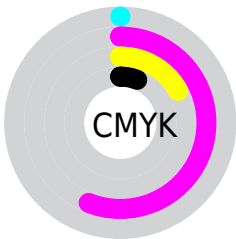
# Distribution



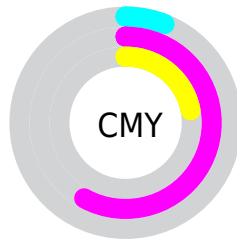
- Red (94%)
- Green (42%)
- Blue (78%)



- Red (94%)
- Yellow (42%)
- Blue (78%)



- Cyan (0%)
- Magenta (56%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (58%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F06AC8 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 F06AC8 by changing the saturation by 10% instead.



 F06AC8

 F06AC8

FFFFFF

 D24EAD

 FFA2FF

 B52F92

 FFBFFF

 980278

 FFDCCF

 7C005F

 FFFAFF

 600047

 460030

 2B001B

 000000

 F06AC8

 F06AC8

 F052C1

 F082CF

 F03ABA

 F09AD6

 F022B3

 F0B2DD

 F00AAB

 F0CAE5

 F000A8

 F0E2EC

 F0FAF3

 F0FFFA

 F0FFFF

# Harmonies

## Analogous

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



B484F9



F06AC8



FF608D

# Triad

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



F06AC8



A99E0A



00B6E5

# Complementary

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



F06AC8



6AF092

# 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.



00B8AC



F06AC8



69AD36

# Square

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



F06AC8



DB8924



00B56E



00ADFF

# Rectangle

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



F06AC8



FF6966



00B56E



00B7D3



# Sweetspot

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



F06AC8



FFD4F2



906AF0



806678



000000



808080



# Same Dimension

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



F06AC8



FF54CC



F06A87



786C74



B80081



380027



# Inverse Universe

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



F06AC8



FF54CC



6AF0D3



786C74



B80081

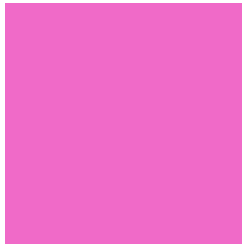


380027



# Previews

## White Background



This preview shows how the Hex color F06AC8 looks on a white background.

## Color Contrast Check

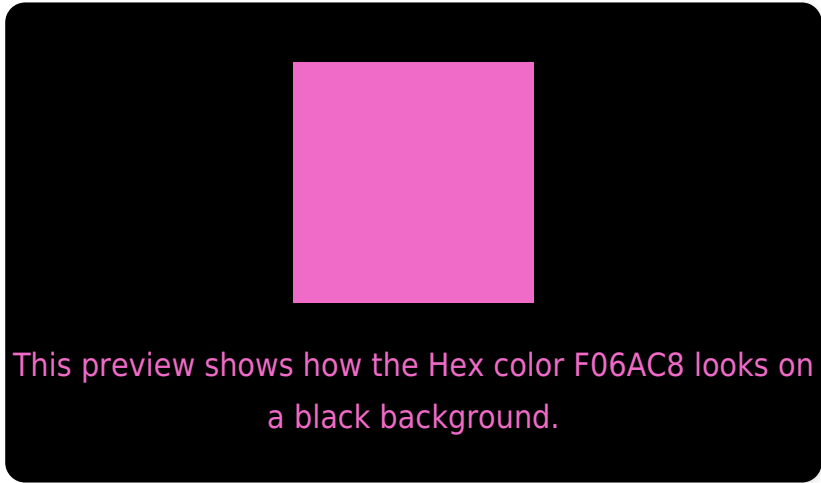
Large Text (above 18pt) WCAG AA × Fail

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 F06AC8 Background



This preview shows how black text looks on a background with the Hex color F06AC8.




This preview shows how white text looks on a background with the Hex color F06AC8.

# 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**  
E97A83

# Trichromacy



**Original Color**  
F06AC8



**Protanomaly**  
A888DF



**Deuteranomaly**  
B888C3



**Tritanomaly**  
EC749C

# Monochromacy



**Original Color**  
F06AC8



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
BB8AAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F06AC8 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 #F06AC8 looks like.

```
.text, #text, p{  
    color:#F06AC8  
}
```

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 #F06AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F06AC8
}
```

## Border

The CSS property to change the border of an element to Hex F06AC8 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
#F06AC8 }
```

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

```
.border{ border-color:#F06AC8 }
```

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

Here you see how a box with a 4 pixel #F06AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F06AC8; -webkit-box-shadow:4px 4px  
4px 4px #F06AC8; box-shadow:4px 4px 4px  
4px #F06AC8 }
```

# Background

The CSS property to change the background color of an element to Hex F06AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F06AC8 }
```

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

```
.background{ background-color:#F06AC8 }
```

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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