

# Converting Colors

Hex(FC6ACB)

Have a look what the booklet for  
Hex(FC6ACB) contains.

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# Color

**Hex(FC6ACB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC6ACB
RGB	252, 106, 203
RGB Percent	99%, 42%, 80%
CMY	0.0118, 0.5843, 0.2039
CMYK	0.00, 0.58, 0.19, 0.01
HSL	320°, 96%, 70%
HSV	320°, 58%, 99%
XYZ	56.0784, 35.3153, 60.3608
YIQ	160.7120, 55.8790, 61.1190

# Conversions

## Conversions Part 2

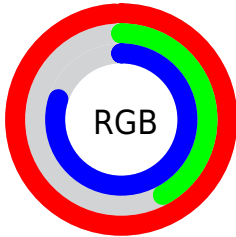
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">252, 106, 203</a>
Decimal	<a href="#">16542411</a>
CIELab	<a href="#">65.99, 65.94, -22.93</a>
CIELCh	<a href="#">66, 69.815, 340.827</a>
Yxy	<a href="#">35.3153, 0.3695, 0.2327</a>
Android (android.graphics.Color)	<a href="#">4294732491 (0xFFFC6ACB)</a>
YUV	<a href="#">160.7120, 20.8480, 80.0596</a>
Hunter-Lab	<a href="#">59.4267, 64.4461, -18.6233</a>

# Details

The Hex color **FC6ACB** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6AFC9B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFA3FF**, and **C02D95** is the 20% darker color. If you saturate the color by 10%, you get **FC51C3**, and if you desaturate by 10%, it is **FC83D3**.

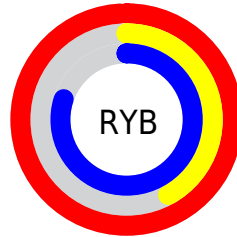
# Distribution



Red (99%)

Green (42%)

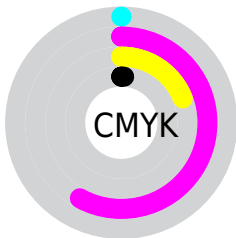
Blue (80%)



Red (99%)

Yellow (42%)

Blue (80%)

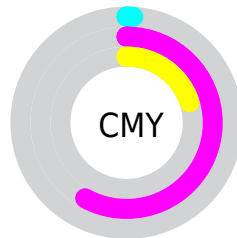


Cyan (0%)

Magenta (58%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (58%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC6ACB 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 FC6ACB by changing the saturation by 10% instead.



 FC6ACB

 FC6ACB

FFFFFF

 DE4DAF

 FFA3FF

 C02D95

 FFC0FF

 A3007B

 FFDDFF

 860062

 FFFBFF

 6A004A

 4E0033

 34001D

 0E0000

 000000

 FC6ACB

 FC6ACB

 FC51C3

 FC83D3

 FC38BA

 FC9CDC

 FC1EB2

 FCB6E4

 FC05A9

 FCCFED

 FC00A7

 FCE8F5

 FCFFFE

 FCFFFF

# Harmonies

## Analogous

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



C085FF



FC6ACB



FF618C

# Triad

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



FC6ACB



AAA500



00BBF1

# Complementary

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



FC6ACB



6AFC9B

# 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.



00BEB6



FC6ACB



64B338

# Square

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



FC6ACB



DF8E1D



00BB75



00B2FF

# Rectangle

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



FC6ACB



FF6C64



00BB75



00BDDF



# Sweetspot

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



FC6ACB



FFD4F0



9B6AFC



806677



000000



808080



# Same Dimension

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



FC6ACB



FF4DC3



FC6A82



7D7079



BD007D



3D0029



# Inverse Universe

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



FC6ACB



FF4DC3



6AFCE4



7D7079



BD007D

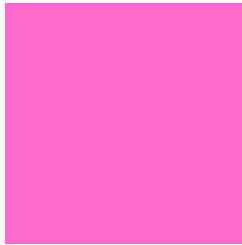


3D0029



# Previews

## White Background



This preview shows how the Hex color FC6ACB looks on a white background.

## Color Contrast Check

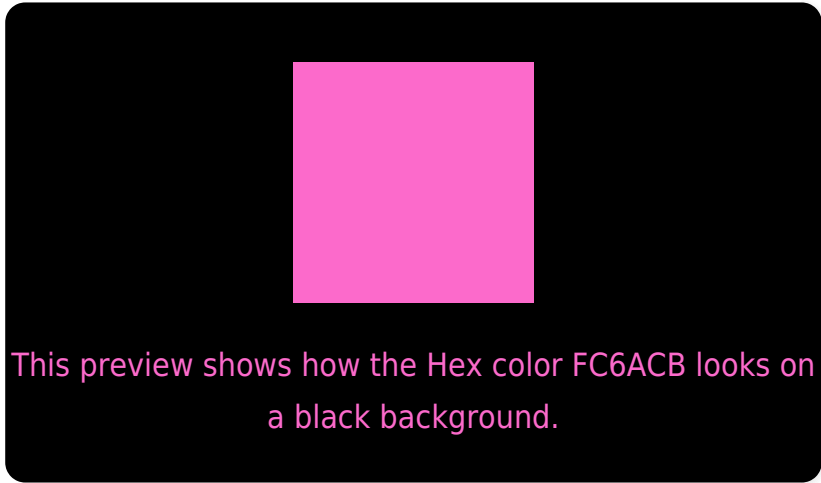
Large Text (above 18pt) WCAG AA × Fail

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 FC6ACB Background



This preview shows how black text looks on a background with the Hex color FC6ACB.



This preview shows how white text looks on a background with the Hex color FC6ACB.

# 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**  
F57B84

# Trichromacy



**Original Color**  
FC6ACB



**Protanomaly**  
B08BE4



**Deuteranomaly**  
C18AC6



**Tritanomaly**  
F8759E

# Monochromacy



**Original Color**  
FC6ACB



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
C28DB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC6ACB 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 #FC6ACB looks like.

```
.text, #text, p{  
    color:#FC6ACB  
}
```

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 #FC6ACB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC6ACB
}
```

## Border

The CSS property to change the border of an element to Hex FC6ACB 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
#FC6ACB }
```

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

```
.border{ border-color:#FC6ACB }
```

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

Here you see how a box with a 4 pixel #FC6ACB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC6ACB; -webkit-box-shadow:4px 4px  
4px 4px #FC6ACB; box-shadow:4px 4px 4px  
4px #FC6ACB }
```

# Background

The CSS property to change the background color of an element to Hex FC6ACB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC6ACB }
```

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

```
.background{ background-color:#FC6ACB }
```

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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