

Converting Colors

Hex(FF66CD)

Have a look what the booklet for
Hex(FF66CD) contains.

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Color

Hex(F666CD)

Conversions

Conversions Part 1

Format	Color
Hex	FF66CD
RGB	255, 102, 205
RGB Percent	100%, 40%, 80%
CMY	0.0000, 0.6000, 0.1961
CMYK	0.00, 0.60, 0.20, 0.00
HSL	320°, 100%, 70%
HSV	320°, 60%, 100%
XYZ	57.0108, 35.1705, 61.5414
YIQ	159.4890, 58.1250, 64.4690

Conversions

Conversions Part 2

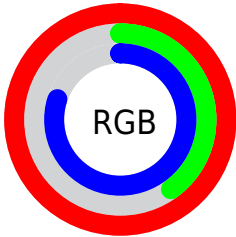
Format	Color
R _Y B	255, 102, 205
Decimal	16737997
CIE Lab	65.88, 68.74, -24.19
CIE LCh	66, 72.868, 340.615
Yxy	35.1705, 0.3709, 0.2288
Android (android.graphics.Color)	4294928077 (0xFFFF66CD)
YUV	159.4890, 22.4369, 83.7631
Hunter-Lab	59.3047, 67.8123, -20.0128

Details

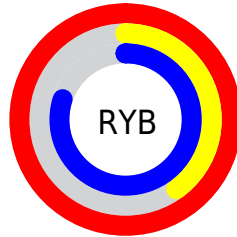
The Hex color **FF66CD** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66FF98**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFA0FF**, and **C32697** is the 20% darker color. If you saturate the color by 10%, you get **FF4DC5**, and if you desaturate by 10%, it is **FF80D5**.

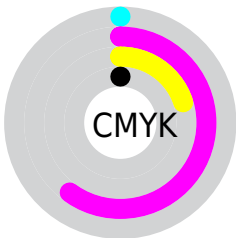
Distribution



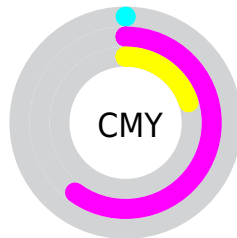
- Red (100%)
- Green (40%)
- Blue (80%)



- Red (100%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66CD 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 FF66CD by changing the saturation by 10% instead.

 FF66CD

 FF66CD

FFFFFF

 E148B1

 FFA0FF

 C32697

 FFBDFE

 A5007D

 FFDAFF

 890063

 FFF8FF

 6C004B

 500034

 36001F

 120000

 000000

 FF66CD

 FF66CD

 FF4DC5

 FF80D5

 FF33BC

 FF99DE

 FF19B4

 FFB3E6

 FF00AC

 FFCCEE

 FFE6F7

FFFFFF

Harmonies

Analogous

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



C084FF



FF66CD



FF5C8C

Triad

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



FF66CD



AAA400



00BCF4

Complementary

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



FF66CD



66FF98

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



FF66CD



61B332

Square

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



FF66CD



E18D11



00BB72



00B3FF

Rectangle

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



FF66CD



FF6861



00BB72



00BDE1

Sweetspot

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



FF66CD



FFD1F0



9666FF



806376



000000



808080

Same Dimension

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



FF66CD



FF47C3



FF6682



80737B



BF0081



40002B

Inverse Universe

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



FF66CD



FF47C3



66FFE3



80737B



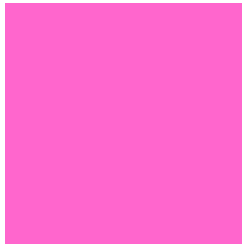
BF0081



40002B

Previews

White Background



This preview shows how the Hex color FF66CD looks on a white background.

Color Contrast Check

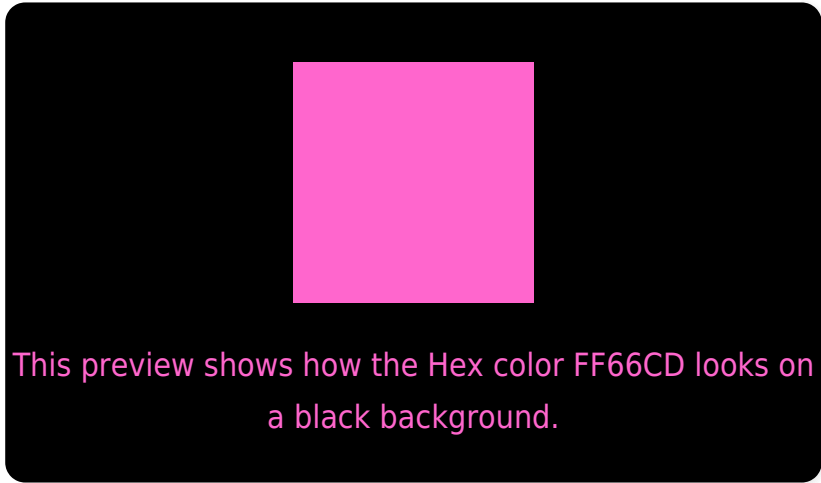
Large Text (above 18pt) WCAG AA × Fail

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 FF66CD Background



This preview shows how black text looks on a background with the Hex color FF66CD.



This preview shows how white text looks on a background with the Hex color FF66CD.

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
F87981

Trichromacy



Original Color
FF66CD



Protanomaly
AE89E8



Deuteranomaly
C189C7



Tritanomaly
FB729D

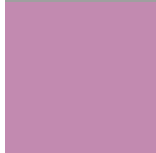
Monochromacy



Original Color
FF66CD



Achromatopsia
9F9F9F



Achromatomaly
C28AB0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF66CD 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 #FF66CD looks like.

```
.text, #text, p{  
    color:#FF66CD  
}
```

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 #FF66CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66CD
}
```

Border

The CSS property to change the border of an element to Hex FF66CD 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
#FF66CD }
```

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

```
.border{ border-color:#FF66CD }
```

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

Here you see how a box with a 4 pixel #FF66CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66CD; -webkit-box-shadow:4px 4px  
4px 4px #FF66CD; box-shadow:4px 4px 4px  
4px #FF66CD }
```

Background

The CSS property to change the background color of an element to Hex FF66CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66CD }
```

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

```
.background{ background-color:#FF66CD }
```

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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