

Converting Colors

Hex(FF66CF)

Have a look what the booklet for
Hex(FF66CF) contains.

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Color

Hex(**FF66CF**)

Conversions

Conversions Part 1

Format	Color
Hex	FF66CF
RGB	255, 102, 207
RGB Percent	100%, 40%, 81%
CMY	0.0000, 0.6000, 0.1882
CMYK	0.00, 0.60, 0.19, 0.00
HSL	319°, 100%, 70%
HSV	319°, 60%, 100%
XYZ	57.2539, 35.2677, 62.8212
YIQ	159.7170, 57.4830, 65.0910

Conversions

Conversions Part 2

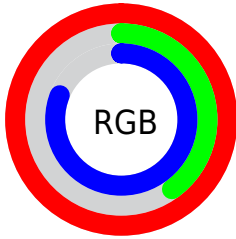
Format	Color
R_{YB}	255, 102, 207
Decimal	16737999
CIE _{Lab}	65.96, 69.01, -25.19
CIE _{LCh}	66, 73.466, 339.944
Yxy	35.2677, 0.3686, 0.2270
Android (android.graphics.Color)	4294928079 (0xFFFF66CF)
YUV	159.7170, 23.3105, 83.5632
Hunter-Lab	59.3866, 68.1628, -21.1483

Details

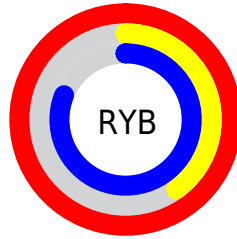
The Hex color **FF66CF** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66FF96**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFA0FF**, and **C32698** is the 20% darker color. If you saturate the color by 10%, you get **FF4DC7**, and if you desaturate by 10%, it is **FF80D7**.

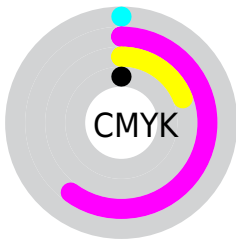
Distribution



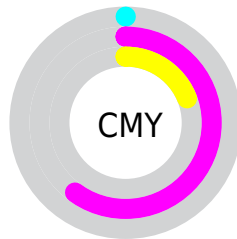
- Red (100%)
- Green (40%)
- Blue (81%)



- Red (100%)
- Yellow (40%)
- Blue (81%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66CF 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 FF66CF by changing the saturation by 10% instead.

 FF66CF

 FF66CF

FFFFFF

 E148B3

 FFA0FF

 C32698

 FFBDFE

 A6007E

 FFDAFF

 890065

 FFF8FF

 6C004D

 500036

 360020

 130003

 000000

■ FF66CF

■ FF66CF

■ FF4DC7

■ FF80D7

■ FF33BF

■ FF99DF

■ FF19B7

■ FFB3E7

■ FF00AF

■ FFCCEF

■ FFE6F7

FFFFFF

Harmonies

Analogous

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



BE84FF



FF66CF



FF5B8D

Triad

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



FF66CF



ABA400



00BDF4

Complementary

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



FF66CF



66FF96

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.



00BFB5



FF66CF



62B42F

Square

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



FF66CF



E38D10



00BC70



00B4FF

Rectangle

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



FF66CF



FF6663



00BC70



00BEE1

Sweetspot

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



FF66CF



FFD1F1



9466FF



806377



000000



808080

Same Dimension

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



FF66CF



FF47C5



FF6685



80737C



BF0083



40002C

Inverse Universe

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



FF66CF



FF47C5



66FFE0



80737C



BF0083



40002C

Previews

White Background



This preview shows how the Hex color FF66CF looks on a white background.

Color Contrast Check

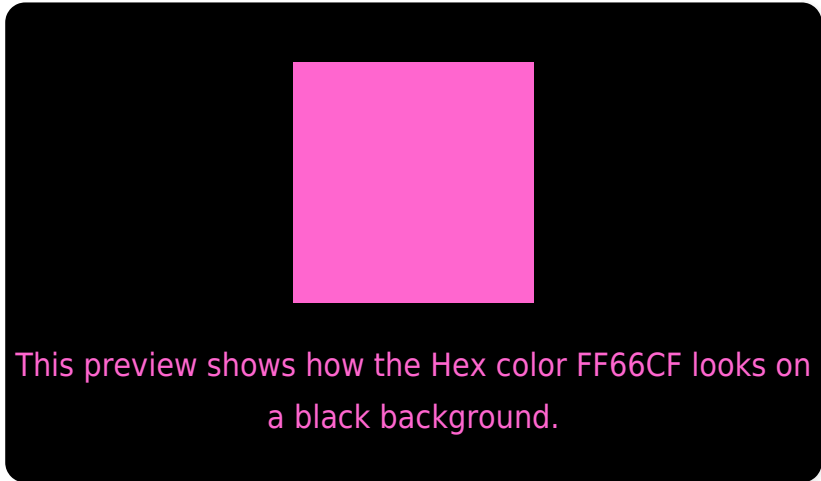
Large Text (above 18pt) WCAG AA × Fail

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 FF66CF Background



This preview shows how black text looks on a background with the Hex color FF66CF.



This preview shows how white text looks on a background with the Hex color FF66CF.

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
F87982

Trichromacy



Original Color
FF66CF



Protanomaly
AE8AEA



Deuteranomaly
C189C9



Tritanomaly
FB729E

Monochromacy



Original Color
FF66CF



Achromatopsia
A0A0A0



Achromatomaly
C38BB1

CSS Examples

Text

The CSS property to change the color of the text to Hex FF66CF 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 #FF66CF looks like.

```
.text, #text, p{  
    color:#FF66CF  
}
```

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 #FF66CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66CF
}
```

Border

The CSS property to change the border of an element to Hex FF66CF 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
#FF66CF }
```

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

```
.border{ border-color:#FF66CF }
```

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

Here you see how a box with a 4 pixel #FF66CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66CF; -webkit-box-shadow:4px 4px  
4px 4px #FF66CF; box-shadow:4px 4px 4px  
4px #FF66CF }
```

Background

The CSS property to change the background color of an element to Hex FF66CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66CF }
```

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

```
.background{ background-color:#FF66CF }
```

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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