

Converting Colors

Hex(FF06CD)

Have a look what the booklet for
Hex(FF06CD) contains.

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Color

Hex(FF06CD)

Conversions

Conversions Part 1

Format	Color
Hex	FF06CD
RGB	255, 6, 205
RGB Percent	100%, 2%, 80%
CMY	0.0000, 0.9765, 0.1961
CMYK	0.00, 0.98, 0.20, 0.00
HSL	312°, 100%, 51%
HSV	312°, 98%, 100%
XYZ	52.3246, 25.7980, 59.9793
YIQ	103.1370, 84.5250, 114.6770

Conversions

Conversions Part 2

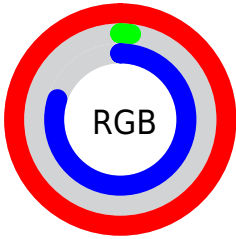
Format	Color
RYB	255, 6, 205
Decimal	16713421
CIELab	57.84, 91.49, -36.63
CIELCh	58, 98.552, 338.180
Yxy	25.7980, 0.3789, 0.1868
Android (android.graphics.Color)	4294903501 (0xFFFF06CD)
YUV	103.1370, 50.2185, 133.1839
Hunter-Lab	50.7918, 95.0013, -34.4605

Details

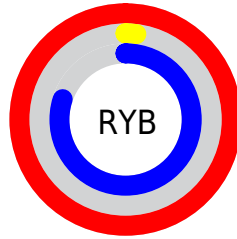
The Hex color **FF06CD** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **06FF38**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF68FF**, and **C10096** is the 20% darker color. If you saturate the color by 10%, you get **FF00CC**, and if you desaturate by 10%, it is **FF20D2**.

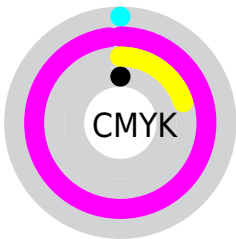
Distribution



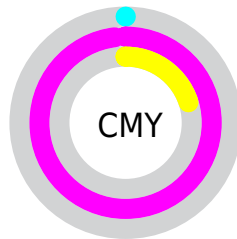
- Red (100%)
- Green (2%)
- Blue (80%)



- Red (100%)
- Yellow (2%)
- Blue (80%)



- Cyan (0%)
- Magenta (98%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF06CD 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 FF06CD by changing the saturation by 10% instead.

 FF06CD

 FF06CD

FFFFFF

 E000B1

 FF68FF

 C10096

 FF88FF

 A3007C

 FFA8FF

 850063

 FFC7FF

 67004A

 FFE6FF

 4B0033

 2C001D

 000000

 FF06CD

 FF06CD

 FF00CC

 FF20D2

 FF39D7

 FF53DC

 FF6CE1

 FF86E7

 FF9FEC

 FFB9F1

 FFD2F6

 FFECFB

Harmonies

Analogous

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



A365FF



FF06CD



FF0078

Triad

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



FF06CD



948F00



00ADF5

Complementary

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



FF06CD



06FF38

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.



00AEA1



FF06CD



21A200

Square

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



FF06CD



DA6E00



00AA45



00A5FF

Rectangle

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



FF06CD



FF0040



00AA45



00AEDB

Sweetspot

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



FF06CD



FFB5F0



3806FF



805377



000000



808080

Same Dimension

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



FF06CD



FF00CC



FF0651



80737D



BF0099



400033

Inverse Universe

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



FF06CD



FF00CC



06FFB4



80737D



BF0099



400033

Previews

White Background



This preview shows how the Hex color FF06CD looks on a white background.

Color Contrast Check

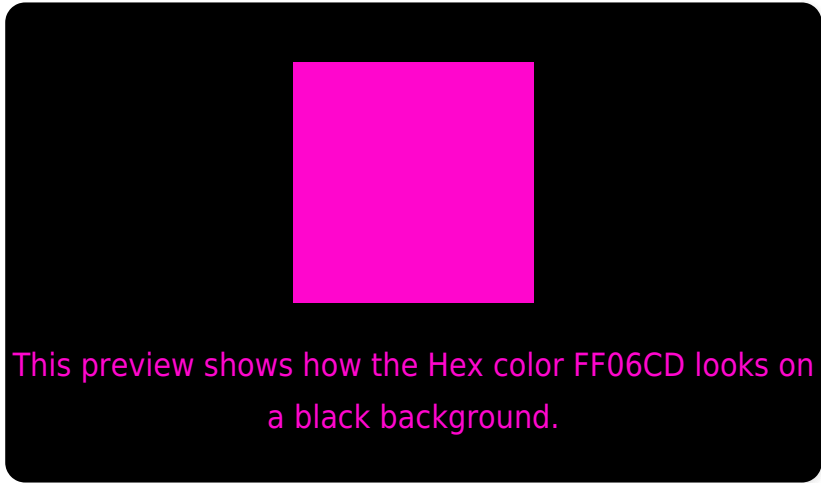
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF06CD Background



This preview shows how black text looks on a background with the Hex color FF06CD.



This preview shows how white text looks on a background with the Hex color FF06CD.

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
FF06CD



Protanomaly
8F59ED



Deuteranomaly
AB5AC5



Tritanomaly
F93681

Monochromacy



Original Color
FF06CD



Achromatopsia
676767



Achromatomaly
9E448C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF06CD 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 #FF06CD looks like.

```
.text, #text, p{  
    color:#FF06CD  
}
```

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 #FF06CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF06CD
}
```

Border

The CSS property to change the border of an element to Hex FF06CD 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
#FF06CD }
```

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

```
.border{ border-color:#FF06CD }
```

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

Here you see how a box with a 4 pixel #FF06CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF06CD; -webkit-box-shadow:4px 4px  
4px 4px #FF06CD; box-shadow:4px 4px 4px  
4px #FF06CD }
```

Background

The CSS property to change the background color of an element to Hex FF06CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF06CD }
```

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

```
.background{ background-color:#FF06CD }
```

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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