

# Converting Colors

Hex(FF06B0)

Have a look what the booklet for  
Hex(FF06B0) contains.

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**Color**

**Hex(F06B0)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF06B0                     |
| RGB         | 255, 6, 176                |
| RGB Percent | 100%, 2%, 69%              |
| CMY         | 0.0000, 0.9765, 0.3098     |
| CMYK        | 0.00, 0.98, 0.31, 0.00     |
| HSL         | 319°, 100%, 51%            |
| HSV         | 319°, 98%, 100%            |
| XYZ         | 49.1416, 24.5248, 43.2180  |
| YIQ         | 99.8310, 93.8340, 105.6580 |

# Conversions

## Conversions Part 2

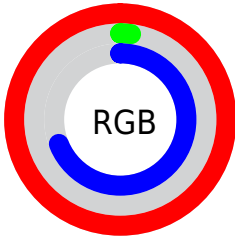
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 255, 6, 176                   |
| Decimal                             | 16713392                      |
| CIELab                              | 56.61, 88.33, -21.79          |
| CIElCh                              | 57, 90.981, 346.141           |
| Yxy                                 | 24.5248, 0.4204,<br>0.2098    |
| Android<br>(android.graphics.Color) | 4294903472<br>(0xFFFF06B0)    |
| YUV                                 | 99.8310, 37.5513,<br>136.0832 |
| Hunter-Lab                          | 49.5226, 90.4624,<br>-17.0762 |

# Details

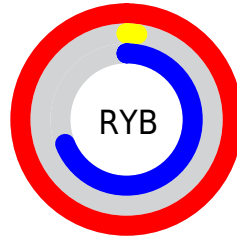
The Hex color **FF06B0** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **06FF55**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF67E8**, and **C1007B** is the 20% darker color. If you saturate the color by 10%, you get **FF00AE**, and if you desaturate by 10%, it is **FF20B8**.

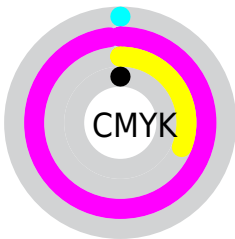
# Distribution



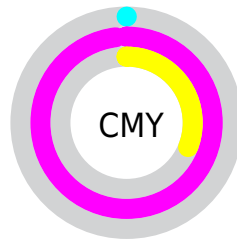
- Red (100%)
- Green (2%)
- Blue (69%)



- Red (100%)
- Yellow (2%)
- Blue (69%)



- Cyan (0%)
- Magenta (98%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (98%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF06B0 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 FF06B0 by changing the saturation by 10% instead.



 FF06B0

 FF06B0

FFFFFF

 E00095

 FF67E8

 C1007B

 FF87FF

 A20062

 FFA6FF

 84004A

 FFC5FF

 660033

 FFE4FF

 49001E

 2B0001

 000000

 FF06B0

 FF06B0

 FF00AE

 FF20B8

 FF39C0

 FF53C8

 FF6CD0

 FF86D8

 FF9FE1

 FFB9E9

 FFD2F1

 FFE9F9

# Harmonies

## Analogous

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



BD58F7



FF06B0



FF0061

# Triad

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



FF06B0



7D9100



00A7FA

# Complementary

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



FF06B0



06FF55

# 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.



00A9B2



FF06B0



00A000

# Square

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



FF06B0



C37700



00A65F



009CFF

# Rectangle

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



FF06B0



FF362E



00A65F



00A8E4



# Sweetspot

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



FF06B0



FFB5E8



5506FF



805371



000000



808080



# Same Dimension

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



FF06B0



FF00AE



FF0634



80737B



BF0083



40002C



# Inverse Universe

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



FF06B0



FF00AE



06FFD1



80737B



BF0083



40002C



# Previews

## White Background



This preview shows how the Hex color FF06B0 looks on a white background.

## Color Contrast Check

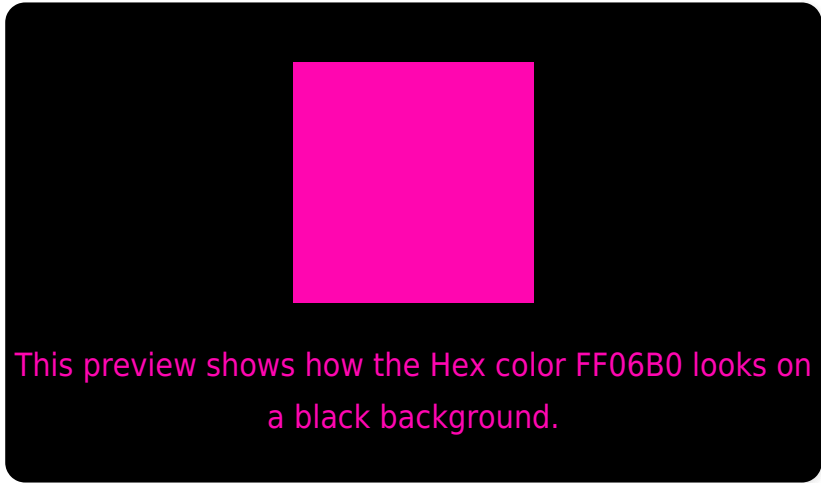
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF06B0 Background



This preview shows how black text looks on a background with the Hex color FF06B0.



This preview shows how white text looks on a background with the Hex color FF06B0.

# 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**  
F84649

# Trichromacy



**Original Color**  
FF06B0



**Protanomaly**  
8E57E0



**Deuteranomaly**  
B357A8



**Tritanomaly**  
FB2F6E

# Monochromacy



**Original Color**  
FF06B0



**Achromatopsia**  
646464



**Achromatomaly**  
9C4280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF06B0 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 #FF06B0 looks like.

```
.text, #text, p{  
    color:#FF06B0  
}
```

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 #FF06B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF06B0
}
```

## Border

The CSS property to change the border of an element to Hex FF06B0 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
#FF06B0 }
```

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

```
.border{ border-color:#FF06B0 }
```

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

Here you see how a box with a 4 pixel #FF06B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF06B0; -webkit-box-shadow:4px 4px  
4px 4px #FF06B0; box-shadow:4px 4px 4px  
4px #FF06B0 }
```

# Background

The CSS property to change the background color of an element to Hex FF06B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF06B0 }
```

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

```
.background{ background-color:#FF06B0 }
```

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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