

Converting Colors

Hex(FF66BD)

Have a look what the booklet for
Hex(FF66BD) contains.

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Color

Hex(F666BD)

Conversions

Conversions Part 1

Format	Color
Hex	FF66BD
RGB	255, 102, 189
RGB Percent	100%, 40%, 74%
CMY	0.0000, 0.6000, 0.2588
CMYK	0.00, 0.60, 0.26, 0.00
HSL	326°, 100%, 70%
HSV	326°, 60%, 100%
XYZ	55.1767, 34.4369, 51.8830
YIQ	157.6650, 63.2610, 59.4930

Conversions

Conversions Part 2

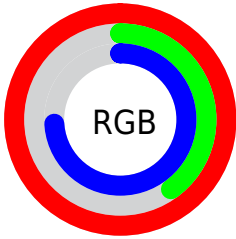
Format	Color
R _Y B	255, 102, 189
Decimal	16737981
CIE Lab	65.31, 66.64, -16.03
CIE LCh	65, 68.538, 346.476
Yxy	34.4369, 0.3900, 0.2434
Android (android.graphics.Color)	4294928061 (0xFFFF66BD)
YUV	157.6650, 15.4482, 85.3628
Hunter-Lab	58.6829, 65.1397, -11.3416

Details

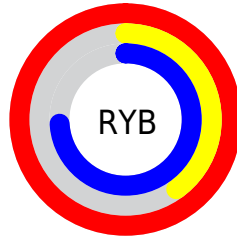
The Hex color **FF66BD** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66FFA8**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA0F5**, and **C32788** is the 20% darker color. If you saturate the color by 10%, you get **FF4DB2**, and if you desaturate by 10%, it is **FF80C8**.

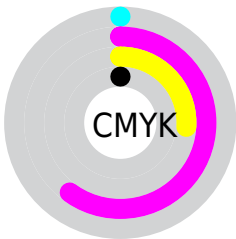
Distribution



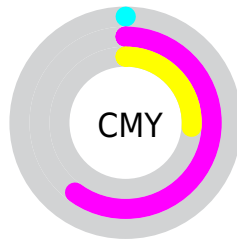
- Red (100%)
- Green (40%)
- Blue (74%)



- Red (100%)
- Yellow (40%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66BD 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 FF66BD by changing the saturation by 10% instead.

 FF66BD

 FF66BD

FFFFFF

 E148A2

 FFA0F5

 C32788

 FFBDF5

 A5006E

 FFDAFF

 880056

 FFF8FF

 6B003E

 4F0028

 350013

 090000

 000000

■ FF66BD

■ FF66BD

■ FF4DB2

■ FF80C8

■ FF33A7

■ FF99D3

■ FF199C

■ FFB3DE

■ FF0091

■ FFCCE9

■ FFE6F4

FFFFFF

Harmonies

Analogous

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



CC7FF4



FF66BD



FF637F

Triad

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



FF66BD



9DA60E



00B8F7

Complementary

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



FF66BD



66FFA8

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.



00BBC0



FF66BD



53B343

Square

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



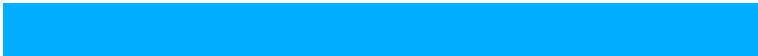
FF66BD



D49216



00BA80



00ADFF

Rectangle

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



FF66BD



FF6F59



00BA80



00BAE6

Sweetspot

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



FF66BD



FFD1EB



A666FF



806373



000000



808080

Same Dimension

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



FF66BD



FF47B0



FF6673



80737A



BF006D



400024

Inverse Universe

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



FF66BD



FF47B0



66FFF2



80737A



BF006D



400024

Previews

White Background



This preview shows how the Hex color FF66BD looks on a white background.

Color Contrast Check

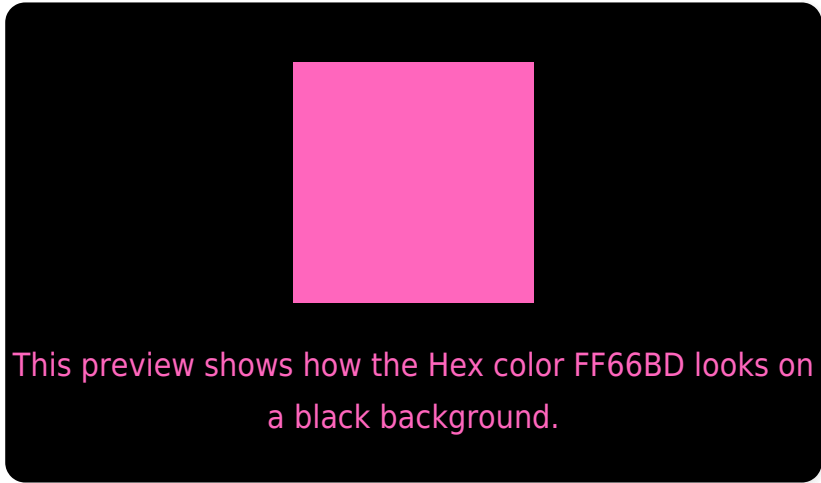
Large Text (above 18pt) WCAG AA × Fail

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 FF66BD Background



This preview shows how black text looks on a background with the Hex color FF66BD.



This preview shows how white text looks on a background with the Hex color FF66BD.

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
F9757D

Trichromacy



Original Color
FF66BD



Protanomaly
B389D6



Deuteranomaly
C588B8



Tritanomaly
FB7094

Monochromacy



Original Color
FF66BD



Achromatopsia
9E9E9E



Achromatomaly
C18AA9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF66BD 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 #FF66BD looks like.

```
.text, #text, p{  
    color:#FF66BD  
}
```

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 #FF66BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66BD
}
```

Border

The CSS property to change the border of an element to Hex FF66BD 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
#FF66BD }
```

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

```
.border{ border-color:#FF66BD }
```

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

Here you see how a box with a 4 pixel #FF66BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66BD; -webkit-box-shadow:4px 4px  
4px 4px #FF66BD; box-shadow:4px 4px 4px  
4px #FF66BD }
```

Background

The CSS property to change the background color of an element to Hex FF66BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66BD }
```

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

```
.background{ background-color:#FF66BD }
```

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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