

# Converting Colors

Hex(FF66B2)

Have a look what the booklet for  
Hex(FF66B2) contains.

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# Color

Hex(**FF66B2**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF66B2
RGB	255, 102, 178
RGB Percent	100%, 40%, 70%
CMY	0.0000, 0.6000, 0.3020
CMYK	0.00, 0.60, 0.30, 0.00
HSL	330°, 100%, 70%
HSV	330°, 60%, 100%
XYZ	54.0273, 33.9771, 45.8302
YIQ	156.4110, 66.7920, 56.0720

# Conversions

## Conversions Part 2

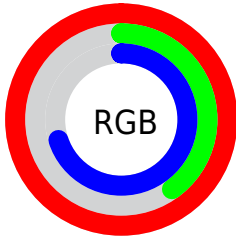
Format	Color
R <sub>Y</sub> B	255, 102, 178
Decimal	16737970
CIE Lab	64.94, 65.29, -10.33
CIE LCh	65, 66.099, 351.012
Yxy	33.9771, 0.4037, 0.2539
Android (android.graphics.Color)	4294928050 (0xFFFF66B2)
YUV	156.4110, 10.6434, 86.4626
Hunter-Lab	58.2899, 63.4394, -5.8136

# Details

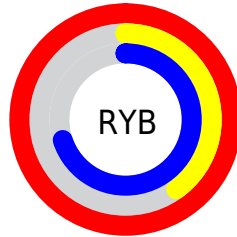
The Hex color **FF66B2** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **66FFB3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FF9FEA**, and **C2287D** is the 20% darker color. If you saturate the color by 10%, you get **FF4DA5**, and if you desaturate by 10%, it is **FF80BF**.

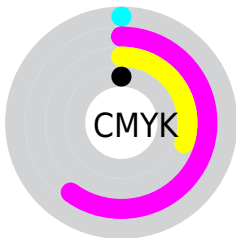
# Distribution



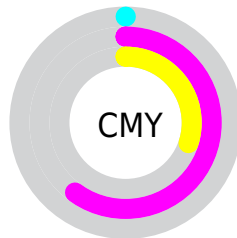
- Red (100%)
- Green (40%)
- Blue (70%)



- Red (100%)
- Yellow (40%)
- Blue (70%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF66B2 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 FF66B2 by changing the saturation by 10% instead.



 FF66B2

 FF66B2

FFFFFF

 E04997

 FF9FEA

 C2287D

 FFBCFF

 A50064

 FFDAFF

 88004D

 FFF7FF

 6B0036

 4F0021

 340006

 010000

 000000

■ FF66B2

■ FF66B2

■ FF4DA5

■ FF80BF

■ FF3398

■ FF99CC

■ FF198C

■ FFB3D9

■ FF007F

■ FFCCE5

■ FFE6F2

FFFFFF

# Harmonies

## Analogous

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



D37BE9



FF66B2



FF6777

# Triad

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



FF66B2



93A71E



00B5F9

# Complementary

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



FF66B2



66FFB3

# 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.



00B9C6



FF66B2



47B34E

# Square

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



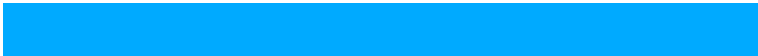
FF66B2



CA9418



00B889



00AAFF

# Rectangle

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



FF66B2



FD7453



00B889



00B7EA



# Sweetspot

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



FF66B2



FFD1E8



B366FF



806371



000000



808080



# Same Dimension

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



FF66B2



FF47A3



FF6666



807379



BF005F



400020



# Inverse Universe

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



FF66B2



FF47A3



66FFFF



807379



BF005F



400020



# Previews

## White Background



This preview shows how the Hex color FF66B2 looks on a white background.

## Color Contrast Check

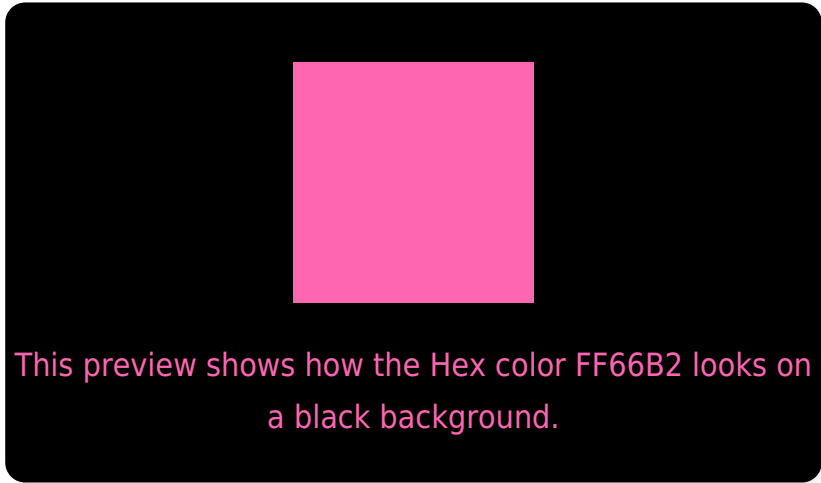
Large Text (above 18pt) WCAG AA × Fail

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 FF66B2 Background



This preview shows how black text looks on a background with the Hex color FF66B2.

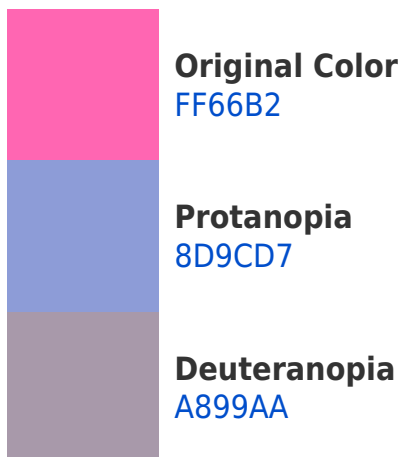


This preview shows how white text looks on a background with the Hex color FF66B2.

# 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**  
FF66B2



**Protanomaly**  
B688CA



**Deuteranomaly**  
C886AD



**Tritanomaly**  
FC6E8E

# Monochromacy



**Original Color**  
FF66B2



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
C088A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF66B2 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 #FF66B2 looks like.

```
.text, #text, p{  
    color:#FF66B2  
}
```

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 #FF66B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66B2
}
```

## Border

The CSS property to change the border of an element to Hex FF66B2 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
#FF66B2 }
```

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

```
.border{ border-color:#FF66B2 }
```

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

Here you see how a box with a 4 pixel #FF66B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66B2; -webkit-box-shadow:4px 4px  
4px 4px #FF66B2; box-shadow:4px 4px 4px  
4px #FF66B2 }
```

# Background

The CSS property to change the background color of an element to Hex FF66B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66B2 }
```

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

```
.background{ background-color:#FF66B2 }
```

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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