

# Converting Colors

Hex(FF66C5)

Have a look what the booklet for  
Hex(FF66C5) contains.

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# **Color**

**Hex(F666C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF66C5
RGB	255, 102, 197
RGB Percent	100%, 40%, 77%
CMY	0.0000, 0.6000, 0.2275
CMYK	0.00, 0.60, 0.23, 0.00
HSL	323°, 100%, 70%
HSV	323°, 60%, 100%
XYZ	56.0694, 34.7940, 56.5840
YIQ	158.5770, 60.6930, 61.9810

# Conversions

## Conversions Part 2

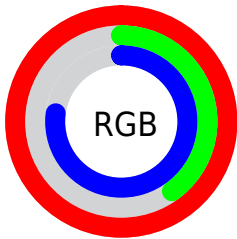
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 102, 197
Decimal	16737989
CIE <sub>Lab</sub>	65.59, 67.67, -20.13
CIE <sub>LCh</sub>	66, 70.597, 343.435
Yxy	34.7940, 0.3803, 0.2360
Android (android.graphics.Color)	4294928069 (0xFFFF66C5)
YUV	158.5770, 18.9425, 84.5630
Hunter-Lab	58.9864, 66.4466, -15.5848

# Details

The Hex color **FF66C5** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66FFA0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA0FE**, and **C3268F** is the 20% darker color. If you saturate the color by 10%, you get **FF4DBB**, and if you desaturate by 10%, it is **FF80CF**.

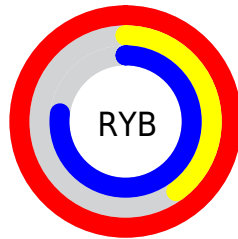
# Distribution



Red (100%)

Green (40%)

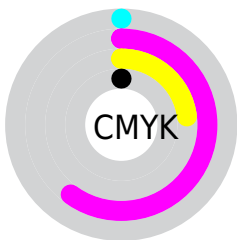
Blue (77%)



Red (100%)

Yellow (40%)

Blue (77%)

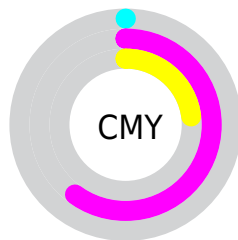


Cyan (0%)

Magenta (60%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF66C5 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 FF66C5 by changing the saturation by 10% instead.



 FF66C5

 FF66C5

FFFFFF

 E148AA

 FFA0FE

 C3268F

 FFBDFE

 A50075

 FFDAFF

 88005D

 FFF8FF

 6C0045

 50002E

 350019

 0E0000

 000000

 FF66C5

 FF66C5

 FF4DBB

 FF80CF

 FF33B2

 FF99D8

 FF19A8

 FFB3E2

 FF009E

 FFCCEC

 FFE6F5

FFFFFF

# Harmonies

## Analogous

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



C681FC



FF66C5



FF6086

# Triad

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



FF66C5



A3A500



00BAF5

# Complementary

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



FF66C5



66FFA0

# 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.



00BDBB



FF66C5



5AB33B

# Square

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



FF66C5



DB8F14



00BA79



00B0FF

# Rectangle

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



FF66C5



FF6C5D



00BA79



00BCE4



# Sweetspot

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



FF66C5



FFD1EE



9E66FF



806375



000000



808080



# Same Dimension

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



FF66C5



FF47B9



FF667A



80737B



BF0077



400028



# Inverse Universe

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



FF66C5



FF47B9



66FFEB



80737B



BF0077



400028



# Previews

## White Background



This preview shows how the Hex color FF66C5 looks on a white background.

## Color Contrast Check

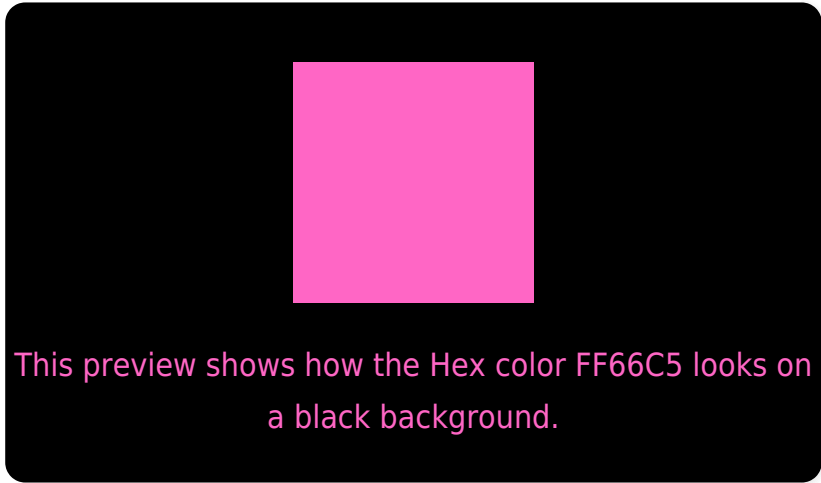
Large Text (above 18pt) WCAG AA × Fail

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 FF66C5 Background



This preview shows how black text looks on a background with the Hex color FF66C5.

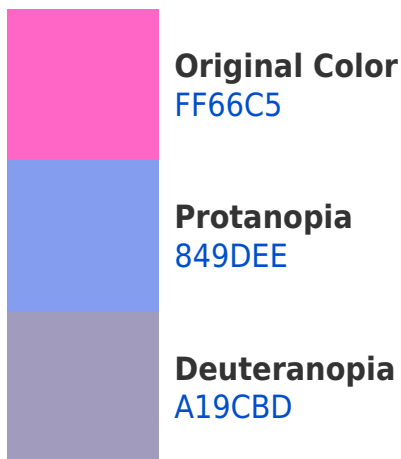


This preview shows how white text looks on a background with the Hex color FF66C5.

# 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**  
F9777F

# Trichromacy



**Original Color**  
FF66C5



**Protanomaly**  
B189DF



**Deuteranomaly**  
C388C0



**Tritanomaly**  
FB7198

# Monochromacy



**Original Color**  
FF66C5



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
C28AAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF66C5 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 #FF66C5 looks like.

```
.text, #text, p{  
    color:#FF66C5  
}
```

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 #FF66C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66C5
}
```

## Border

The CSS property to change the border of an element to Hex FF66C5 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
#FF66C5 }
```

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

```
.border{ border-color:#FF66C5 }
```

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

Here you see how a box with a 4 pixel #FF66C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66C5; -webkit-box-shadow:4px 4px  
4px 4px #FF66C5; box-shadow:4px 4px 4px  
4px #FF66C5 }
```

# Background

The CSS property to change the background color of an element to Hex FF66C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66C5 }
```

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

```
.background{ background-color:#FF66C5 }
```

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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