

# Converting Colors

Hex(FF65C7)

Have a look what the booklet for  
Hex(FF65C7) contains.

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# **Color**

**Hex(F65C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF65C7
RGB	255, 101, 199
RGB Percent	100%, 40%, 78%
CMY	0.0000, 0.6039, 0.2196
CMYK	0.00, 0.60, 0.22, 0.00
HSL	322°, 100%, 70%
HSV	322°, 60%, 100%
XYZ	56.2025, 34.6909, 57.7666
YIQ	158.2180, 60.3260, 63.1260

# Conversions

## Conversions Part 2

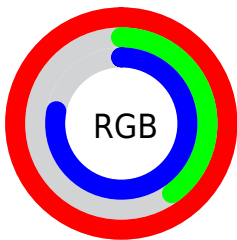
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 101, 199
Decimal	16737735
CIE <sub>Lab</sub>	65.51, 68.35, -21.38
CIE <sub>LCh</sub>	66, 71.612, 342.631
Y <sub>xy</sub>	34.6909, 0.3781, 0.2334
Android (android.graphics.Color)	4294927815 (0xFFFF65C7)
Y <sub>UV</sub>	158.2180, 20.1055, 84.8778
Hunter-Lab	58.8990, 67.2548, -16.9209

# Details

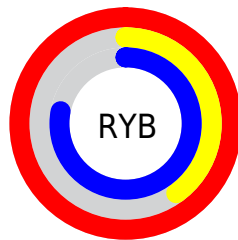
The Hex color **FF65C7** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **65FF9D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FF9FFF**, and **C32591** is the 20% darker color. If you saturate the color by 10%, you get **FF4BBE**, and if you desaturate by 10%, it is **FF7ED0**.

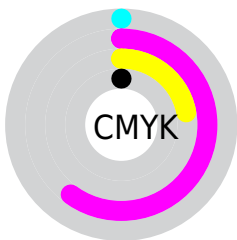
# Distribution



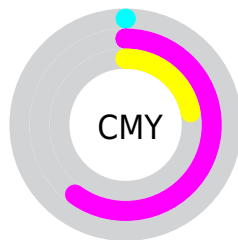
- Red (100%)
- Green (40%)
- Blue (78%)



- Red (100%)
- Yellow (40%)
- Blue (78%)



- Cyan (0%)
- Magenta (60%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF65C7 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 FF65C7 by changing the saturation by 10% instead.



 FF65C7

 FF65C7

FFFFFF

 E147AC

 FF9FFF

 C32591

 FFBCFF

 A50077

 FFD9FF

 88005E

 FFF7FF

 6C0046

 500030

 35001B

 0F0000

 000000

■ FF65C7

■ FF65C7

■ FF4BBE

■ FF7ED0

■ FF32B4

■ FF98DA

■ FF18AB

■ FFB2E3

■ FF00A2

■ FFCBEC

■ FFE4F5

FFFEFF

FFFFFF

# Harmonies

## Analogous

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



C481FE



FF65C7



FF5E87

# Triad

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



FF65C7



A5A500



00BAF5

# Complementary

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



FF65C7



65FF9D

# 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.



00BDB9



FF65C7



5BB337

# Square

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



FF65C7



DC8E10



00BA76



00B1FF

# Rectangle

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



FF65C7



FF6A5E



00BA76



00BCE3



# Sweetspot

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



FF65C7



FFD1EE



9B65FF



806375



000000



808080



# Same Dimension

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



FF65C7



FF47BC



FF657C



80737B



BF007A



400029



# Inverse Universe

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



FF65C7



FF47BC



65FFE8



80737B



BF007A



400029



# Previews

## White Background



This preview shows how the Hex color FF65C7 looks on a white background.

## Color Contrast Check

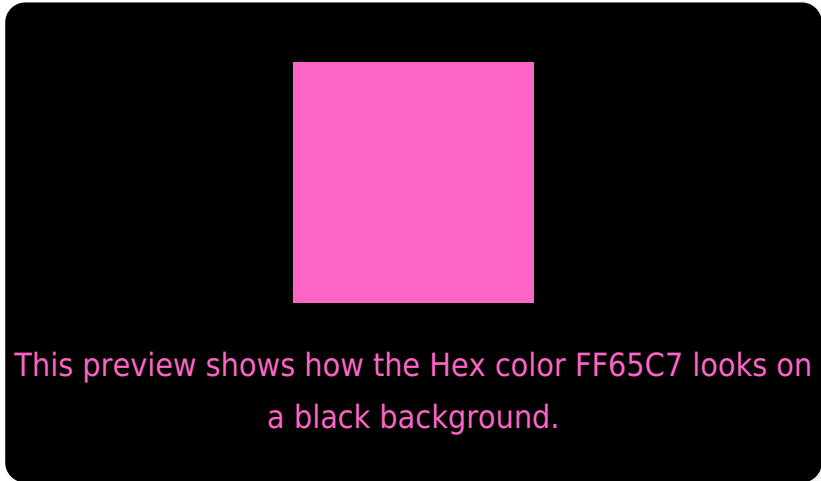
Large Text (above 18pt) WCAG AA × Fail

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 FF65C7 Background



This preview shows how black text looks on a background with the Hex color FF65C7.



This preview shows how white text looks on a background with the Hex color FF65C7.

# 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**  
F8767F

# Trichromacy



**Original Color**  
FF65C7



**Protanomaly**  
AF89E2



**Deuteranomaly**  
C388C1



**Tritanomaly**  
FB7099

# Monochromacy



**Original Color**  
FF65C7



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
C189AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF65C7 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 #FF65C7 looks like.

```
.text, #text, p{  
    color:#FF65C7  
}
```

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 #FF65C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF65C7
}
```

## Border

The CSS property to change the border of an element to Hex FF65C7 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
#FF65C7 }
```

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

```
.border{ border-color:#FF65C7 }
```

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

Here you see how a box with a 4 pixel #FF65C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF65C7; -webkit-box-shadow:4px 4px  
4px 4px #FF65C7; box-shadow:4px 4px 4px  
4px #FF65C7 }
```

# Background

The CSS property to change the background color of an element to Hex FF65C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF65C7 }
```

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

```
.background{ background-color:#FF65C7 }
```

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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