

# Converting Colors

Hex(FF85D8)

Have a look what the booklet for  
Hex(FF85D8) contains.

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# **Color**

**Hex(F85D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF85D8
RGB	255, 133, 216
RGB Percent	100%, 52%, 85%
CMY	0.0000, 0.4784, 0.1529
CMYK	0.00, 0.48, 0.15, 0.00
HSL	319°, 100%, 76%
HSV	319°, 48%, 100%
XYZ	62.0222, 42.9929, 69.9953
YIQ	178.9400, 46.0690, 51.6770

# Conversions

## Conversions Part 2

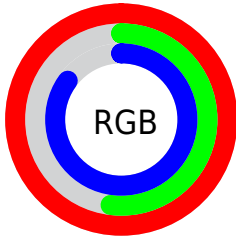
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 133, 216
Decimal	16745944
CIE <sub>Lab</sub>	71.55, 56.31, -21.66
CIE <sub>LCh</sub>	72, 60.335, 338.960
Yxy	42.9929, 0.3544, 0.2457
Android (android.graphics.Color)	4294936024 (0xFFFF85D8)
YUV	178.9400, 18.2706, 66.7046
Hunter-Lab	65.5690, 54.0988, -17.3941

# Details

The Hex color **FF85D8** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **85FFAC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFBDFF**, and **C44EA1** is the 20% darker color. If you saturate the color by 10%, you get **FF6CD0**, and if you desaturate by 10%, it is **FF9FE0**.

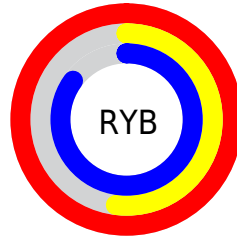
# Distribution



Red (100%)

Green (52%)

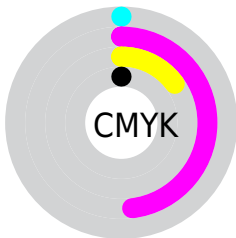
Blue (85%)



Red (100%)

Yellow (52%)

Blue (85%)

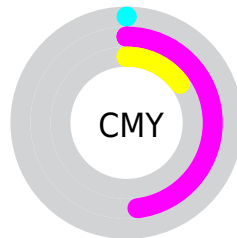


Cyan (0%)

Magenta (48%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF85D8 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 FF85D8 by changing the saturation by 10% instead.



 FF85D8

 FF85D8

FFFFFF

 E16ABC

 FFBDFD

 C44EA1

 FFDADF

 A73187

 FFF7FF

 8B0D6D

 6F0055

 54003D

 3C0028

 1E0011

 000000

 FF85D8

 FF85D8

 FF6CD0

 FF9FE0

 FF52C8

 FFB8E8

 FF39C0

 FFD2F0

 FF1FB7

 FFEBF9

 FF06AF

FFFFFF

 FF00AD

# Harmonies

## Analogous

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



C89AFF



FF85D8



FF7EA1

# Triad

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



FF85D8



BEB23B



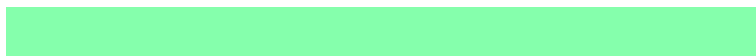
00C8F3

# Complementary

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



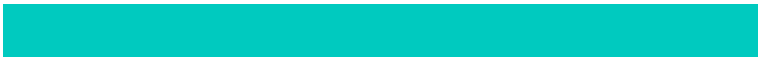
FF85D8



85FFAC

# 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.



00CABF



FF85D8



83C055

# Square

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



FF85D8



ED9E46



16C886



00C0FF

# Rectangle

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



FF85D8



FF847D



16C886



00CAE3



# Sweetspot

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



FF85D8



FFDBF4



AC85FF



806A79



000000



808080



# Same Dimension

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



FF85D8



FF6ED1



FF859B



80737B



BF0082



40002B



# Inverse Universe

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



FF85D8



FF6ED1



85FFE9



80737B



BF0082



40002B



# Previews

## White Background



This preview shows how the Hex color FF85D8 looks on a white background.

## Color Contrast Check

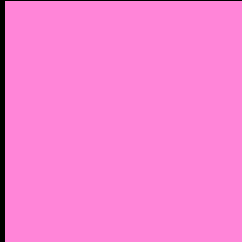
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FF85D8 looks on a 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 FF85D8 Background



This preview shows how black text looks on a background with the Hex color FF85D8.




This preview shows how white text looks on a background with the Hex color FF85D8.

# 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**  
F9929C

# Trichromacy



**Original Color**  
FF85D8



**Protanomaly**  
BF9EEA



**Deuteranomaly**  
CD9ED4



**Tritanomaly**  
FB8DB2

# Monochromacy



**Original Color**  
FF85D8



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
CFA2C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF85D8 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 #FF85D8 looks like.

```
.text, #text, p{  
    color:#FF85D8  
}
```

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 #FF85D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF85D8
}
```

## Border

The CSS property to change the border of an element to Hex FF85D8 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
#FF85D8 }
```

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

```
.border{ border-color:#FF85D8 }
```

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

Here you see how a box with a 4 pixel #FF85D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF85D8; -webkit-box-shadow:4px 4px  
4px 4px #FF85D8; box-shadow:4px 4px 4px  
4px #FF85D8 }
```

# Background

The CSS property to change the background color of an element to Hex FF85D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF85D8 }
```

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

```
.background{ background-color:#FF85D8 }
```

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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