

Converting Colors

Hex(FF85D4)

Have a look what the booklet for
Hex(FF85D4) contains.

Hex(FF85D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F85D4)

Conversions

Conversions Part 1

Format	Color
Hex	FF85D4
RGB	255, 133, 212
RGB Percent	100%, 52%, 83%
CMY	0.0000, 0.4784, 0.1686
CMYK	0.00, 0.48, 0.17, 0.00
HSL	321°, 100%, 76%
HSV	321°, 48%, 100%
XYZ	61.5112, 42.7885, 67.3044
YIQ	178.4840, 47.3530, 50.4330

Conversions

Conversions Part 2

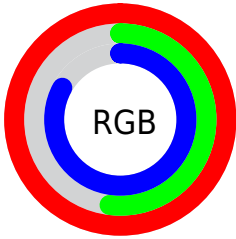
Format	Color
R _Y B	255, 133, 212
Decimal	16745940
CIE Lab	71.41, 55.72, -19.66
CIE LCh	71, 59.084, 340.564
Yxy	42.7885, 0.3584, 0.2493
Android (android.graphics.Color)	4294936020 (0xFFFF85D4)
YUV	178.4840, 16.5234, 67.1045
Hunter-Lab	65.4129, 53.3802, -15.2153

Details

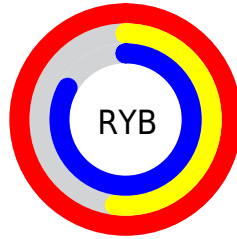
The Hex color **FF85D4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **85FFB0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFBDFE**, and **C44E9D** is the 20% darker color. If you saturate the color by 10%, you get **FF6CCB**, and if you desaturate by 10%, it is **FF9FDD**.

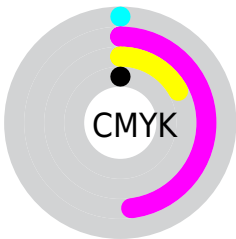
Distribution



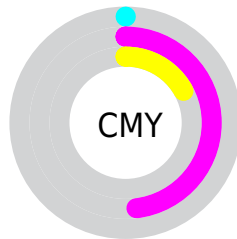
- Red (100%)
- Green (52%)
- Blue (83%)



- Red (100%)
- Yellow (52%)
- Blue (83%)



- Cyan (0%)
- Magenta (48%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF85D4 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 FF85D4 by changing the saturation by 10% instead.

 FF85D4

 FF85D4

FFFFFF

 E16AB8

 FFBDFD

 C44E9D

 FFDADF

 A73283

 FFF7FF

 8B0E6A

 6F0051

 54003A

 3B0025

 1E000C

 000000

 FF85D4

 FF85D4

 FF6CCB

 FF9FDD

 FF52C2

 FFB8E6

 FF39B9

 FFD2EF

 FF1FB0

 FFEBF8

 FF06A7

FFFFFF

 FF00A5

Harmonies

Analogous

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



CB99FF



FF85D4



FF7F9E

Triad

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



FF85D4



BBB23E



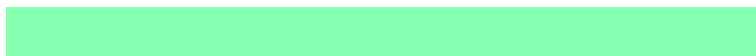
00C7F4

Complementary

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



FF85D4



85FFB0

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.



00CAC1



FF85D4



80BF59

Square

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



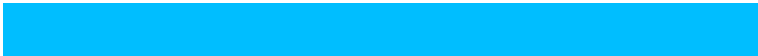
FF85D4



EA9F47



0FC789



00BEFF

Rectangle

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



FF85D4



FF857B



0FC789



00C9E4

Sweetspot

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



FF85D4



FFDBF2



B085FF



806A78



000000



808080

Same Dimension

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



FF85D4



FF6ECC



FF8597



80737B



BF007C



400029

Inverse Universe

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



FF85D4



FF6ECC



85FFED



80737B



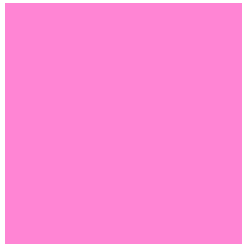
BF007C



400029

Previews

White Background



This preview shows how the Hex color FF85D4 looks on a white background.

Color Contrast Check

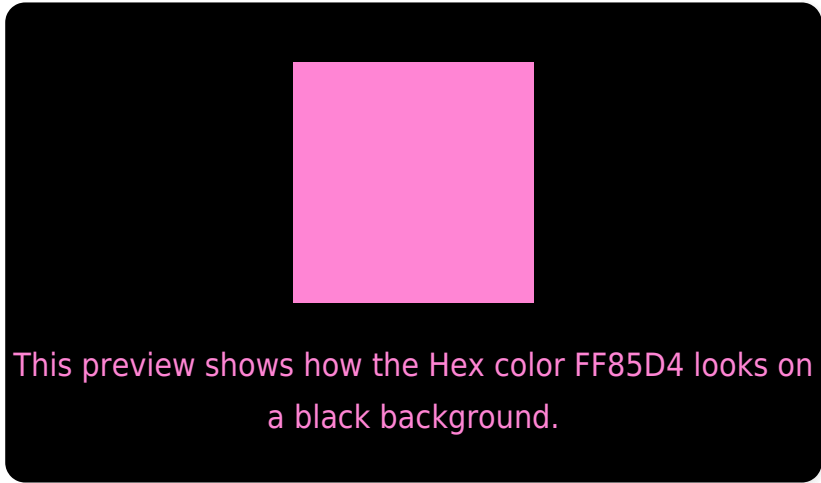
Large Text (above 18pt) WCAG AA × Fail

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 FF85D4 Background



This preview shows how black text looks on a background with the Hex color FF85D4.

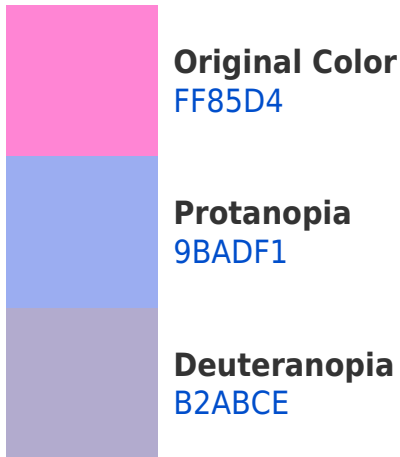


This preview shows how white text looks on a background with the Hex color FF85D4.

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
F9919B

Trichromacy



Original Color
FF85D4



Protanomaly
BF9EE6



Deuteranomaly
CE9DD0



Tritanomaly
FB8DB0

Monochromacy



Original Color
FF85D4



Achromatopsia
B2B2B2



Achromatomaly
CEA2BE

CSS Examples

Text

The CSS property to change the color of the text to Hex FF85D4 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 #FF85D4 looks like.

```
.text, #text, p{  
    color:#FF85D4  
}
```

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 #FF85D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF85D4
}
```

Border

The CSS property to change the border of an element to Hex FF85D4 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
#FF85D4 }
```

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

```
.border{ border-color:#FF85D4 }
```

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

Here you see how a box with a 4 pixel #FF85D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF85D4; -webkit-box-shadow:4px 4px  
4px 4px #FF85D4; box-shadow:4px 4px 4px  
4px #FF85D4 }
```

Background

The CSS property to change the background color of an element to Hex FF85D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF85D4 }
```

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

```
.background{ background-color:#FF85D4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor