

# Converting Colors

Hex(FF85E4)

Have a look what the booklet for  
Hex(FF85E4) contains.

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# **Color**

**Hex(F85E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF85E4
RGB	255, 133, 228
RGB Percent	100%, 52%, 89%
CMY	0.0000, 0.4784, 0.1059
CMYK	0.00, 0.48, 0.11, 0.00
HSL	313°, 100%, 76%
HSV	313°, 48%, 100%
XYZ	63.6311, 43.6365, 78.4677
YIQ	180.3080, 42.2170, 55.4090

# Conversions

## Conversions Part 2

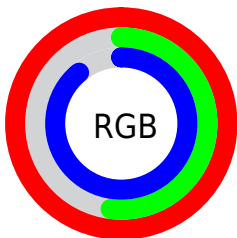
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 133, 228
Decimal	16745956
CIE <sub>Lab</sub>	71.98, 58.16, -27.61
CIE <sub>LCh</sub>	72, 64.379, 334.601
Yxy	43.6365, 0.3426, 0.2349
Android (android.graphics.Color)	4294936036 (0xFFFF85E4)
YUV	180.3080, 23.5122, 65.5049
Hunter-Lab	66.0579, 56.3410, -24.1878

# Details

The Hex color **FF85E4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85FFA0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFBDFF**, and **C44EAC** is the 20% darker color. If you saturate the color by 10%, you get **FF6CDE**, and if you desaturate by 10%, it is **FF9FEA**.

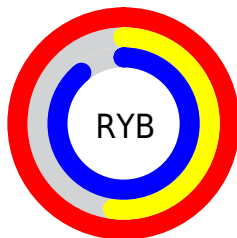
# Distribution



Red (100%)

Green (52%)

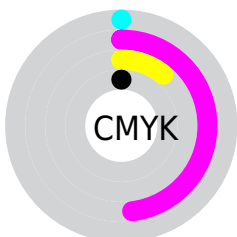
Blue (89%)



Red (100%)

Yellow (52%)

Blue (89%)

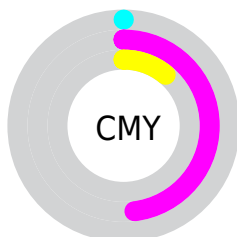


Cyan (0%)

Magenta (48%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF85E4 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 FF85E4 by changing the saturation by 10% instead.



 FF85E4

 FF85E4

FFFFFF

 E169C8

 FFBDFD

 C44EAC

 FFDADF

 A73192

 FFF8FF

 8B0B78

 6F005F

 540047

 3C0030

 1F001A

 000000

 FF85E4

 FF85E4

 FF6CDE

 FF9FEA

 FF52D9

 FFB8EF

 FF39D3

 FFD2F5

 FF1FCD

 FFEFBF

 FF06C8

FFFFFF

 FF00C7

# Harmonies

## Analogous

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



BF9DFF



FF85E4



FF7AAA

# Triad

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



FF85E4



C7B030



00CBF2

# Complementary

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



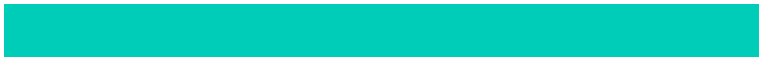
FF85E4



85FFA0

# 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.



00CDB8



FF85E4



8AC049

# Square

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



FF85E4



F79B44



21C97C



00C4FF

# Rectangle

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



FF85E4



FF7F83



21C97C



00CDE0



# Sweetspot

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



FF85E4



FFDBF7



9F85FF



806A7B



000000



808080



# Same Dimension

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



FF85E4



FF6EDF



FF85A8



80737D



BF0095



400032



# Inverse Universe

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



FF85E4



FF6EDF



85FFDC



80737D



BF0095



400032



# Previews

## White Background



This preview shows how the Hex color FF85E4 looks on a white background.

## Color Contrast Check

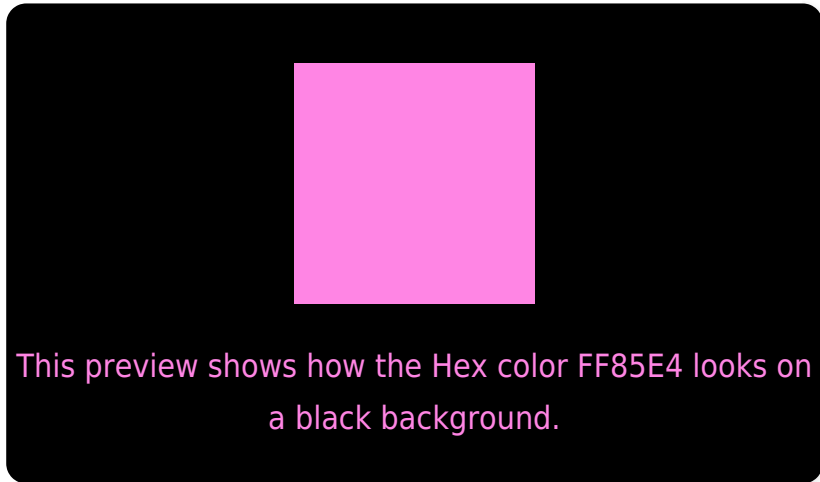
Large Text (above 18pt) WCAG AA × Fail

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 FF85E4 Background



This preview shows how black text looks on a background with the Hex color FF85E4.

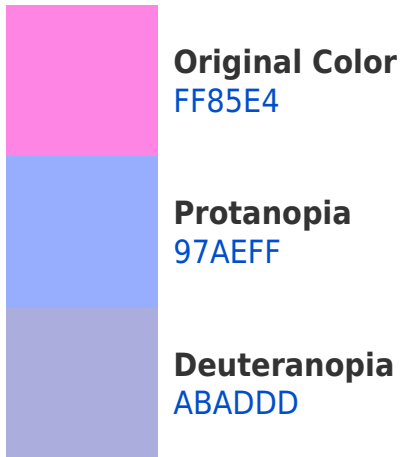


This preview shows how white text looks on a background with the Hex color FF85E4.

# 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](#).

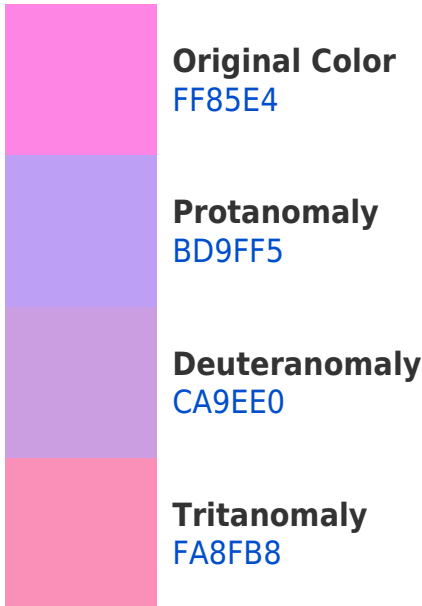
## Dichromacy



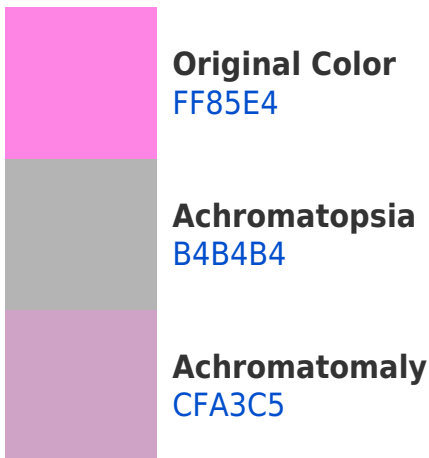


**Tritanopia**  
F7949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF85E4 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 #FF85E4 looks like.

```
.text, #text, p{  
    color:#FF85E4  
}
```

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 #FF85E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF85E4
}
```

## Border

The CSS property to change the border of an element to Hex FF85E4 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
#FF85E4 }
```

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

```
.border{ border-color:#FF85E4 }
```

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

Here you see how a box with a 4 pixel #FF85E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF85E4; -webkit-box-shadow:4px 4px  
4px 4px #FF85E4; box-shadow:4px 4px 4px  
4px #FF85E4 }
```

# Background

The CSS property to change the background color of an element to Hex FF85E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF85E4 }
```

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

```
.background{ background-color:#FF85E4 }
```

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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