

# Converting Colors

Hex(F85ED2)

Have a look what the booklet for  
Hex(F85ED2) contains.

<b>Hex(F85ED2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F85ED2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F85ED2
RGB	248, 94, 210
RGB Percent	97%, 37%, 82%
CMY	0.0275, 0.6314, 0.1765
CMYK	0.00, 0.62, 0.15, 0.03
HSL	315°, 92%, 67%
HSV	315°, 62%, 97%
XYZ	54.3470, 32.6150, 64.4037
YIQ	153.2700, 54.5480, 68.7240

# Conversions

## Conversions Part 2

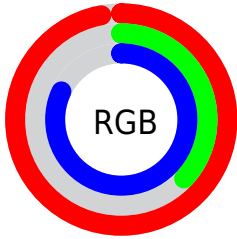
Format	Color
R <sub>Y</sub> B	248, 94, 210
Decimal	16277202
CIE Lab	63.85, 70.83, -30.22
CIE LCh	64, 77.005, 336.896
Yxy	32.6150, 0.3590, 0.2155
Android (android.graphics.Color)	4294467282 (0xFFFF85ED2)
YUV	153.2700, 27.9679, 83.0782
Hunter-Lab	57.1096, 69.9236, -26.8859

# Details

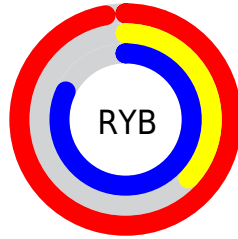
The Hex color **F85ED2** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5EF884**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF98FF**, and **BC189B** is the 20% darker color. If you saturate the color by 10%, you get **F845CC**, and if you desaturate by 10%, it is **F877D8**.

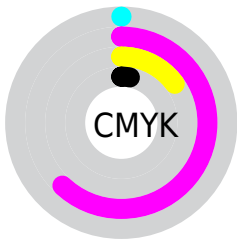
# Distribution



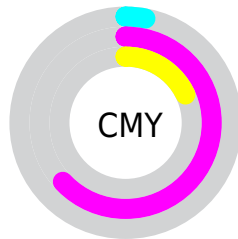
- Red (97%)
- Green (37%)
- Blue (82%)



- Red (97%)
- Yellow (37%)
- Blue (82%)



- Cyan (0%)
- Magenta (62%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (63%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F85ED2 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 F85ED2 by changing the saturation by 10% instead.



 F85ED2

 F85ED2

FFFFFF

 DA3FB6

 FF98FF

 BC189B

 FFB5FF

 9F0081

 FFD3FF

 820067

 FFF1FF

 66004F

 4B0038

 2F0022

 000006

 000000

 F85ED2

 F85ED2

 F845CC

 F877D8

 F82CC6

 F890DE

 F814C0

 F8A8E4

 F800BB

 F8C1EA

 F8DAF1

 F8F3F7

 F8FFFD

 F8FFFF

# Harmonies

## Analogous

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



AF81FF



F85ED2



FF4E8E

# Triad

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



F85ED2



AB9D00



00B8EC

# Complementary

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



F85ED2



5EF884

# 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.



00BAA9



F85ED2



61AD16

# Square

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



F85ED2



E38300



00B661



00B0FF

# Rectangle

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



F85ED2



FF5961



00B661



00B9D7



# Sweetspot

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



F85ED2



FFCFF3



825EF8



806278



000000



808080



# Same Dimension

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



F85ED2



FF40D0



F85E87



7D707A



BD008E



3D002E



# Inverse Universe

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



F85ED2



FF40D0



5EF8CF



7D707A



BD008E

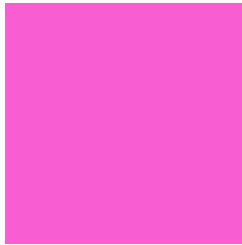


3D002E



# Previews

## White Background



This preview shows how the Hex color F85ED2 looks on a white background.

## Color Contrast Check

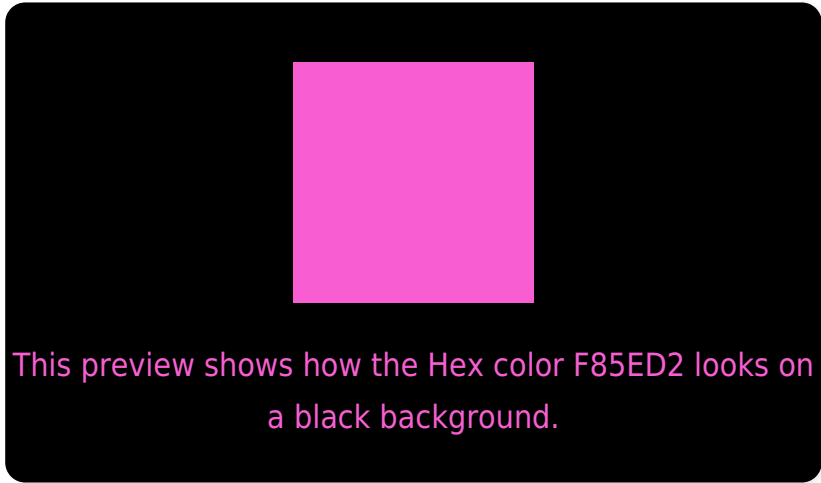
Large Text (above 18pt) WCAG AA × Fail

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 F85ED2 Background



This preview shows how black text looks on a background with the Hex color F85ED2.

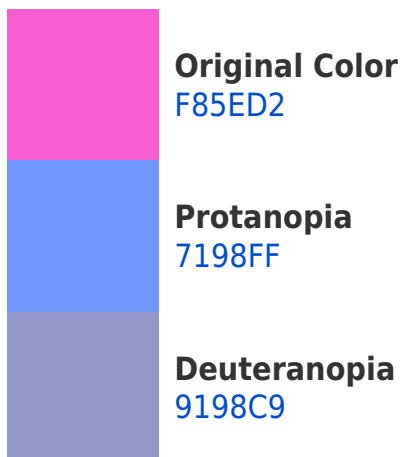


This preview shows how white text looks on a background with the Hex color F85ED2.

# 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**  
F0747D

# Trichromacy



**Original Color**  
F85ED2



**Protanomaly**  
A283EF



**Deuteranomaly**  
B683CC



**Tritanomaly**  
F36C9C

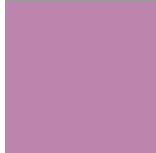
# Monochromacy



**Original Color**  
F85ED2



**Achromatopsia**  
999999



**Achromatomaly**  
BC84AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F85ED2 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 #F85ED2 looks like.

```
.text, #text, p{  
  color:#F85ED2  
}
```

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 #F85ED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F85ED2
}
```

## Border

The CSS property to change the border of an element to Hex F85ED2 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
#F85ED2 }
```

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

```
.border{ border-color:#F85ED2 }
```

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

Here you see how a box with a 4 pixel #F85ED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F85ED2; -webkit-box-shadow:4px 4px  
4px 4px #F85ED2; box-shadow:4px 4px 4px  
4px #F85ED2 }
```

# Background

The CSS property to change the background color of an element to Hex F85ED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F85ED2 }
```

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

```
.background{ background-color:#F85ED2 }
```

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