

# Converting Colors

Hex(F85B6A)

Have a look what the booklet for  
Hex(F85B6A) contains.

<b>Hex(F85B6A)</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(F85B6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F85B6A
RGB	248, 91, 106
RGB Percent	97%, 36%, 42%
CMY	0.0275, 0.6431, 0.5843
CMYK	0.00, 0.63, 0.57, 0.03
HSL	354°, 92%, 66%
HSV	354°, 63%, 97%
XYZ	45.0540, 28.4792, 16.7581
YIQ	139.6530, 88.7570, 37.9490

# Conversions

## Conversions Part 2

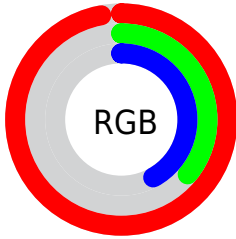
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 91, 106
Decimal	16276330
CIE Lab	60.32, 60.89, 24.40
CIE LCh	60, 65.600, 21.840
Yxy	28.4792, 0.4990, 0.3154
Android (android.graphics.Color)	4294466410 (0xFFFF85B6A)
YUV	139.6530, -16.5909, 95.0203
Hunter-Lab	53.3659, 57.3076, 18.7378

# Details

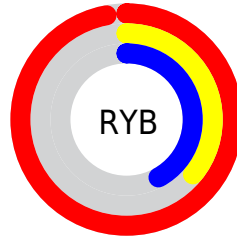
The Hex color **F85B6A** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **5BF8E9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF949D**, and **B91A3B** is the 20% darker color. If you saturate the color by 10%, you get **F84254**, and if you desaturate by 10%, it is **F87480**.

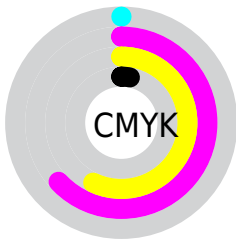
# Distribution



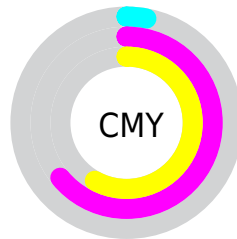
- Red (97%)
- Green (36%)
- Blue (42%)



- Red (97%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (63%)
- Yellow (57%)
- Black (3%)



- Cyan (3%)
- Magenta (64%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F85B6A 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 F85B6A by changing the saturation by 10% instead.



 F85B6A

 F85B6A

FFFFFF

 D93E52

 FF949D

 B91A3B

 FFB0B8

 9B0026

 FFCDD4

 7C0012

 FFEBF0

 5E0000

 420003

 210001

 000000

 F85B6A

 F85B6A

 F84254

 F87480

 F8293D

 F88D97

 F81127

 F8A5AD

 F80018

 F8BEC4

 F8D7DA

 F8F0F1

 F8FFFF

# Harmonies

## Analogous

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



F159A4



F85B6A



E37136

# Triad

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



F85B6A



36A645



009DFF

# Complementary

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



F85B6A



5BF8E9

# 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.



00A8EC



F85B6A



00AB7F

# Square

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



F85B6A



859B0F



00ACBB



7189FD

# Rectangle

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



F85B6A



CA8215



00ACBB



00A2FF



# Sweetspot

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



F85B6A



FFCFD3



E85BF8



806265



000000



808080



# Same Dimension

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



F85B6A



FF3D50



F89A5B



7D7072



BD0012



3D0006



# Inverse Universe

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



F85B6A



FF3D50



5BB9F8



7D7072



BD0012



3D0006



# Previews

## White Background



This preview shows how the Hex color F85B6A looks on a white background.

## Color Contrast Check

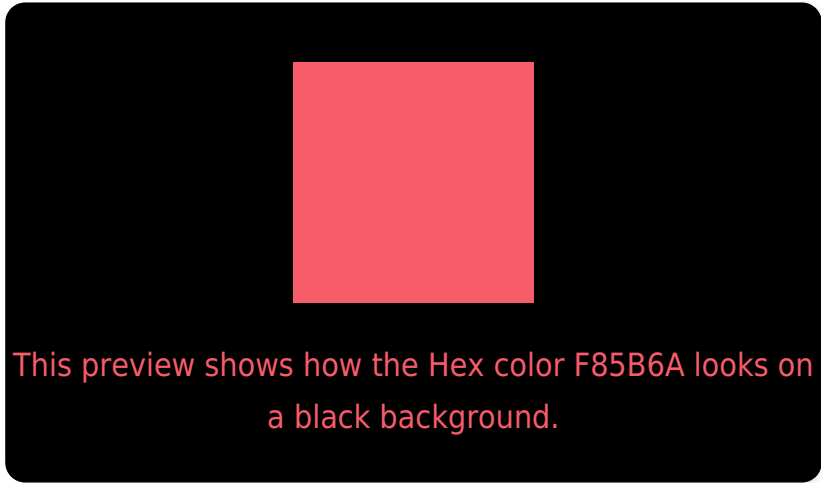
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F85B6A Background



This preview shows how black text looks on a background with the Hex color F85B6A.



This preview shows how white text looks on a background with the Hex color F85B6A.

# 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



**Original Color**  
F85B6A

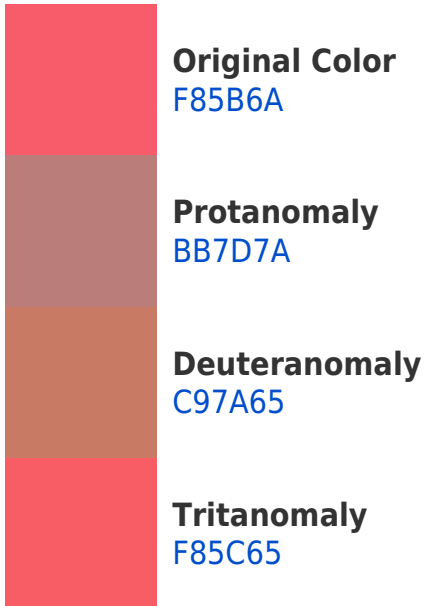
**Protanopia**  
989183

**Deuteranopia**  
AE8B62

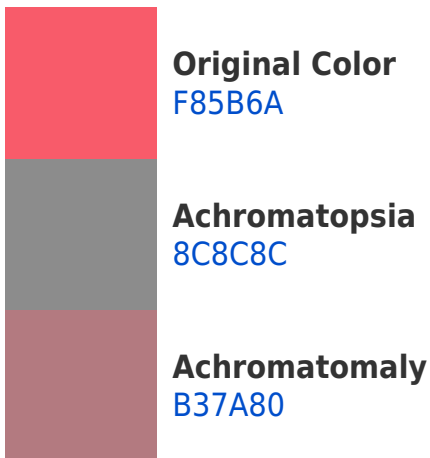


**Tritanopia**  
F85C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F85B6A 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 #F85B6A looks like.

```
.text, #text, p{  
    color:#F85B6A  
}
```

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 #F85B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F85B6A
}
```

## Border

The CSS property to change the border of an element to Hex F85B6A 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
#F85B6A }
```

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

```
.border{ border-color:#F85B6A }
```

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

Here you see how a box with a 4 pixel #F85B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F85B6A; -webkit-box-shadow:4px 4px  
4px 4px #F85B6A; box-shadow:4px 4px 4px  
4px #F85B6A }
```

# Background

The CSS property to change the background color of an element to Hex F85B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F85B6A }
```

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

```
.background{ background-color:#F85B6A }
```

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