

# Converting Colors

Hex(F76C85)

Have a look what the booklet for  
Hex(F76C85) contains.

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# **Color**

**Hex(F76C85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F76C85
RGB	247, 108, 133
RGB Percent	97%, 42%, 52%
CMY	0.0314, 0.5765, 0.4784
CMYK	0.00, 0.56, 0.46, 0.03
HSL	349°, 90%, 70%
HSV	349°, 56%, 97%
XYZ	47.9540, 32.1927, 25.8767
YIQ	152.4110, 74.8190, 37.2430

# Conversions

## Conversions Part 2

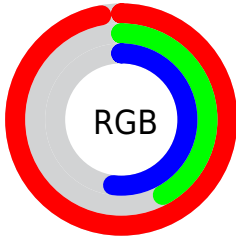
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 108, 133
Decimal	16215173
CIE <sub>Lab</sub>	63.50, 55.36, 13.19
CIE <sub>LCh</sub>	64, 56.914, 13.399
Yxy	32.1927, 0.4523, 0.3036
Android (android.graphics.Color)	4294405253 (0xFFFF76C85)
YUV	152.4110, -9.5696, 82.9546
Hunter-Lab	56.7386, 51.5708, 12.6768

# Details

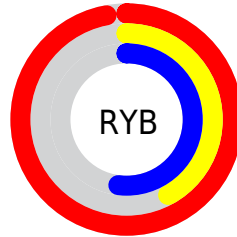
The Hex color **F76C85** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6CF7DE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA4BA**, and **BA3454** is the 20% darker color. If you saturate the color by 10%, you get **F75371**, and if you desaturate by 10%, it is **F78599**.

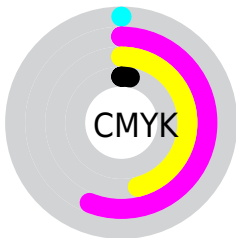
# Distribution



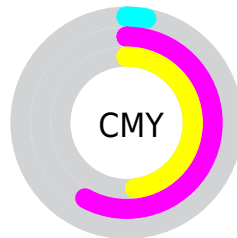
- Red (97%)
- Green (42%)
- Blue (52%)



- Red (97%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (56%)
- Yellow (46%)
- Black (3%)



- Cyan (3%)
- Magenta (58%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F76C85 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 F76C85 by changing the saturation by 10% instead.



 F76C85

 F76C85

FFFFFF

 D8506C

 FFA4BA

 BA3454

 FFC0D6

 9C0F3D

 FFDDF2

 7F0027

 FFFBFF

 620013

 460001

 280001

 000000

 F76C85

 F76C85

 F75371

 F78599

 F73B5C

 F79DAE

 F72248

 F7B6C2

 F70934

 F7CFD6

 F7002C

 F7E7EA

 F7FFFF

# Harmonies

## Analogous

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



E870B8



F76C85



EC7956

# Triad

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



F76C85



67AA4C



00A7FB

# Complementary

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



F76C85



6CF7DE

# 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.



00B0DE



F76C85



00B17B

# Square

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



F76C85



A09E2F



00B3B0



6698FD

# Rectangle

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



F76C85



D9863E



00B3B0



00ABF4



# Sweetspot

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



F76C85



FFD4DB



DE6CF7



80666B



000000



808080



# Same Dimension

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



F76C85



FF5271



F7986C



7A6E70



BA0021



3B000B



# Inverse Universe

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



F76C85



FF5271



6CCBF7



7A6E70



BA0021



3B000B



# Previews

## White Background



This preview shows how the Hex color F76C85 looks on a white background.

## Color Contrast Check

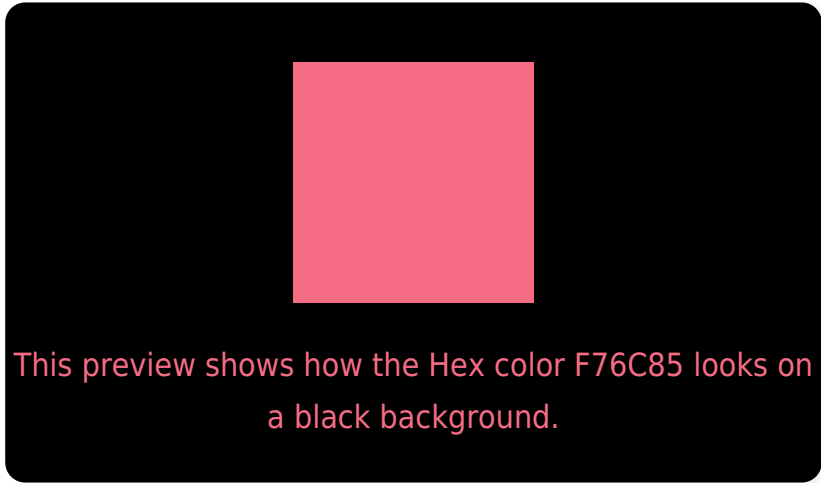
Large Text (above 18pt) WCAG AA × Fail

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 F76C85 Background



This preview shows how black text looks on a background with the Hex color F76C85.

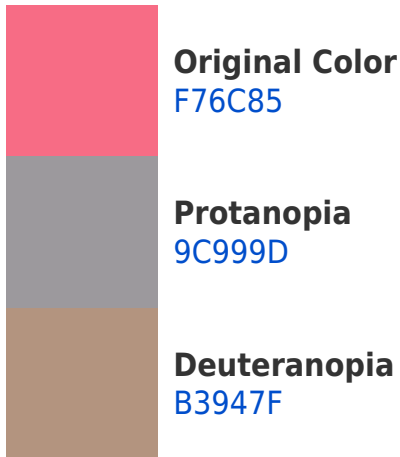


This preview shows how white text looks on a background with the Hex color F76C85.

# 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](#).

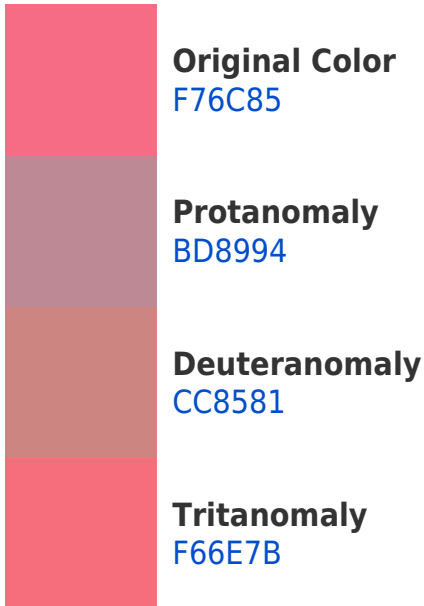
## Dichromacy





**Tritanopia**  
F66F76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F76C85 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 #F76C85 looks like.

```
.text, #text, p{  
    color:#F76C85  
}
```

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 #F76C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76C85
}
```

## Border

The CSS property to change the border of an element to Hex F76C85 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
#F76C85 }
```

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

```
.border{ border-color:#F76C85 }
```

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

Here you see how a box with a 4 pixel #F76C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76C85; -webkit-box-shadow:4px 4px  
4px 4px #F76C85; box-shadow:4px 4px 4px  
4px #F76C85 }
```

# Background

The CSS property to change the background color of an element to Hex F76C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76C85 }
```

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

```
.background{ background-color:#F76C85 }
```

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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