

# Converting Colors

Hex(FF5798)

Have a look what the booklet for  
Hex(FF5798) contains.

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**Color**

**Hex(F5798)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF5798                     |
| RGB         | 255, 87, 152               |
| RGB Percent | 100%, 34%, 60%             |
| CMY         | 0.0000, 0.6588, 0.4039     |
| CMYK        | 0.00, 0.66, 0.40, 0.00     |
| HSL         | 337°, 100%, 67%            |
| HSV         | 337°, 66%, 100%            |
| XYZ         | 50.3157, 30.3434, 32.9107  |
| YIQ         | 144.6420, 79.2630, 55.8310 |

# Conversions

## Conversions Part 2

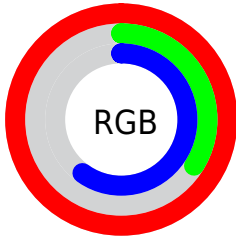
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 255, 87, 152                 |
| Decimal                             | 16734104                     |
| CIE Lab                             | 61.95, 68.49, 0.17           |
| CIE LCh                             | 62, 68.486, 0.146            |
| Yxy                                 | 30.3434, 0.4430,<br>0.2672   |
| Android<br>(android.graphics.Color) | 4294924184<br>(0xFFFF5798)   |
| YUV                                 | 144.6420, 3.6275,<br>96.7840 |
| Hunter-Lab                          | 55.0848, 66.6473,<br>3.1363  |

# Details

The Hex color **FF5798** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **57FFBE**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF92CE**, and **C10665** is the 20% darker color. If you saturate the color by 10%, you get **FF3E88**, and if you desaturate by 10%, it is **FF71A8**.

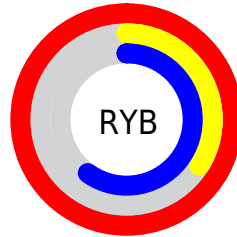
# Distribution



Red (100%)

Green (34%)

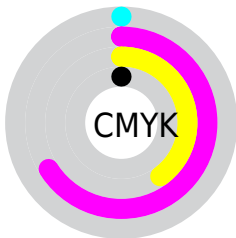
Blue (60%)



Red (100%)

Yellow (34%)

Blue (60%)

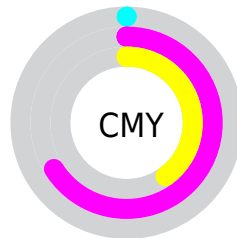


Cyan (0%)

Magenta (66%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5798 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 FF5798 by changing the saturation by 10% instead.



 FF5798

 FF5798

FFFFFF

 E0377E

 FF92CE

 C10665

 FFAFEA

 A3004D

 FFCCFF

 850037

 FFEAFF

 680022

 4C000B

 2D0002

 000000

 FF5798

 FF5798

 FF3E88

 FF71A8

 FF2479

 FF8AB7

 FF0B69

 FFA4C7

 FF0063

 FFBDD7

 FFD7E6

 FFF0F6

FFFFFF

# Harmonies

## Analogous

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



DE69D3



FF5798



FE615C

# Triad

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



FF5798



76A41B



00ABFF

# Complementary

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



FF5798



57FFBE

# 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.



00B1D1



FF5798



00AD56

# Square

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



FF5798



B29300



00B194



009DFF

# Rectangle

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



FF5798



ED7238



00B194



00AEF2



# Sweetspot

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



FF5798



FFCCE0



BC57FF



80616D



000000



808080



# Same Dimension

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



FF5798



FF3683



FF6857



807378



BF004A



400019



# Inverse Universe

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



FF5798



FF3683



57EEFF



807378



BF004A

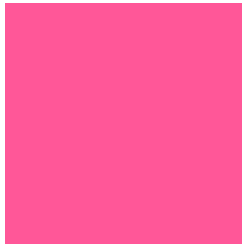


400019



# Previews

## White Background



This preview shows how the Hex color FF5798 looks on a white background.

## Color Contrast Check

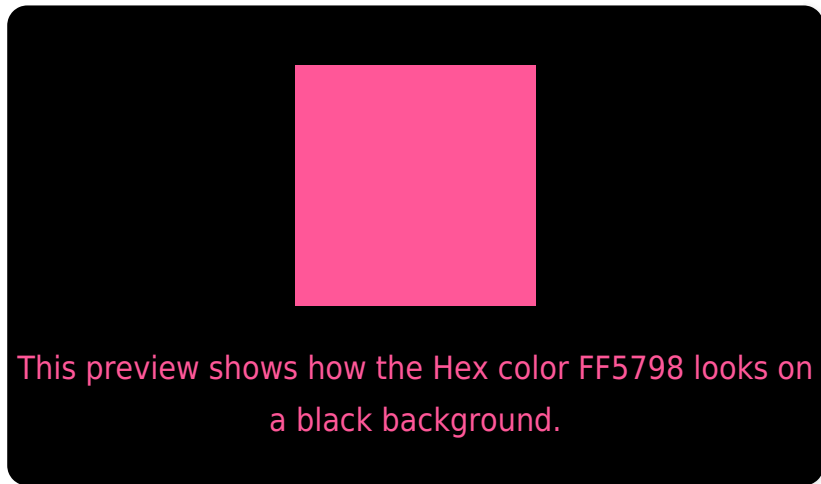
Large Text (above 18pt) WCAG AA × Fail

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 FF5798 Background



This preview shows how black text looks on a background with the Hex color FF5798.



This preview shows how white text looks on a background with the Hex color FF5798.

# Color Blindness Simulation

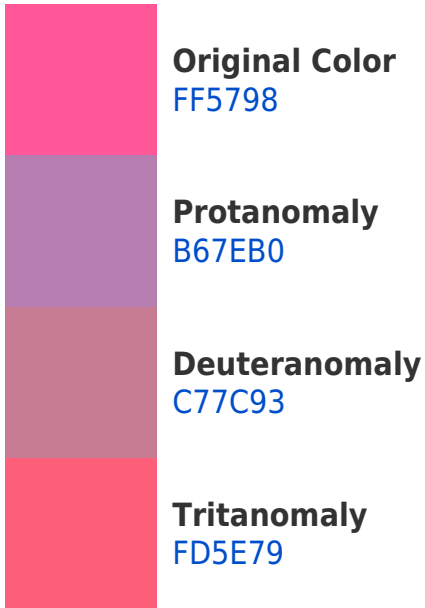
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5798 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 #FF5798 looks like.

```
.text, #text, p{  
    color:#FF5798  
}
```

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 #FF5798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5798
}
```

## Border

The CSS property to change the border of an element to Hex FF5798 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
#FF5798 }
```

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

```
.border{ border-color:#FF5798 }
```

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

Here you see how a box with a 4 pixel #FF5798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5798; -webkit-box-shadow:4px 4px  
4px 4px #FF5798; box-shadow:4px 4px 4px  
4px #FF5798 }
```

# Background

The CSS property to change the background color of an element to Hex FF5798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5798 }
```

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

```
.background{ background-color:#FF5798 }
```

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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