

Converting Colors

Hex(FF5799)

Have a look what the booklet for
Hex(FF5799) contains.

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Color

Hex(F5799)

Conversions

Conversions Part 1

Format	Color
Hex	FF5799
RGB	255, 87, 153
RGB Percent	100%, 34%, 60%
CMY	0.0000, 0.6588, 0.4000
CMYK	0.00, 0.66, 0.40, 0.00
HSL	336°, 100%, 67%
HSV	336°, 66%, 100%
XYZ	50.3980, 30.3763, 33.3439
YIQ	144.7560, 78.9420, 56.1420

Conversions

Conversions Part 2

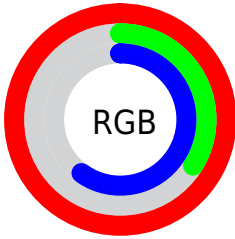
Format	Color
R _Y B	255, 87, 153
Decimal	16734105
CIE Lab	61.98, 68.59, -0.36
CIE LCh	62, 68.586, 359.696
Yxy	30.3763, 0.4416, 0.2662
Android (android.graphics.Color)	4294924185 (0xFFFF5799)
YUV	144.7560, 4.0643, 96.6840
Hunter-Lab	55.1147, 66.7732, 2.7103

Details

The Hex color **FF5799** 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 **57FFBD**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF92CF**, and **C10666** is the 20% darker color. If you saturate the color by 10%, you get **FF3E8A**, and if you desaturate by 10%, it is **FF71A8**.

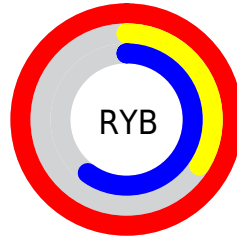
Distribution



Red (100%)

Green (34%)

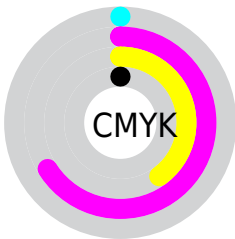
Blue (60%)



Red (100%)

Yellow (34%)

Blue (60%)

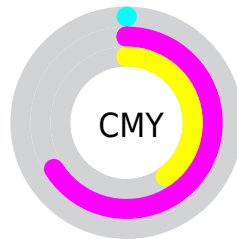


Cyan (0%)

Magenta (66%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5799 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 FF5799 by changing the saturation by 10% instead.

 FF5799

 FF5799

FFFFFF

 E0377F

 FF92CF

 C10666

 FFAFEB

 A3004E

 FFCCFF

 850038

 FFEAFF

 680023

 4C000C

 2E0002

 000000

 FF5799

 FF5799

 FF3E8A

 FF71A8

 FF247A

 FF8AB8

 FF0B6B

 FFA4C7

 FF0064

 FFBDD7

 FFD7E6

 FFF0F6

FFFFFF

Harmonies

Analogous

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



DE69D4



FF5799



FE615D

Triad

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



FF5799



77A41A



00ABFE

Complementary

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



FF5799



57FFBD

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



FF5799



00AD55

Square

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



FF5799



B39300



00B193



009DFF

Rectangle

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



FF5799



EE7239



00B193



00AEF2

Sweetspot

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



FF5799



FFCCE0



BC57FF



80616D



000000



808080

Same Dimension

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



FF5799



FF3685



FF6857



807378



BF004B



400019

Inverse Universe

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



FF5799



FF3685



57EEFF



807378



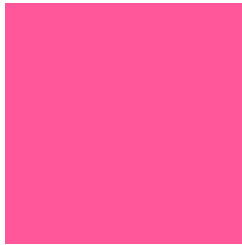
BF004B



400019

Previews

White Background



This preview shows how the Hex color FF5799 looks on a white background.

Color Contrast Check

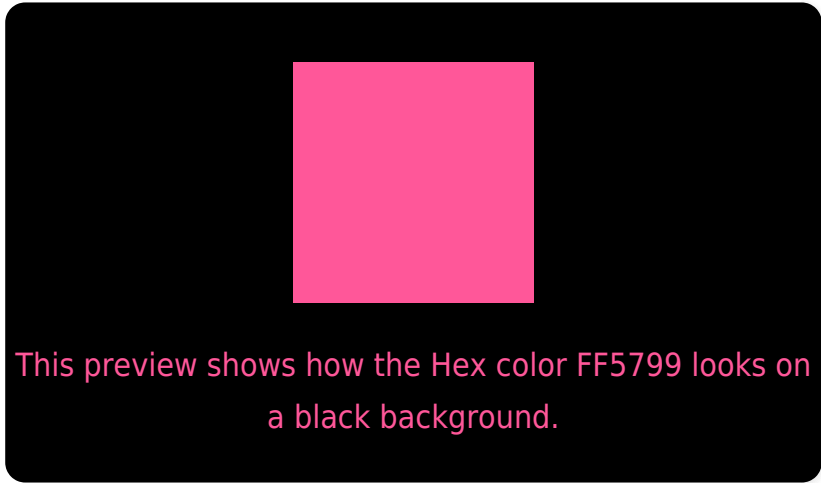
Large Text (above 18pt) WCAG AA × Fail

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 FF5799 Background



This preview shows how black text looks on a background with the Hex color FF5799.



This preview shows how white text looks on a background with the Hex color FF5799.

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 FF5799 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 #FF5799 looks like.

```
.text, #text, p{  
    color:#FF5799  
}
```

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 #FF5799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5799
}
```

Border

The CSS property to change the border of an element to Hex FF5799 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
#FF5799 }
```

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

```
.border{ border-color:#FF5799 }
```

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

Here you see how a box with a 4 pixel #FF5799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5799; -webkit-box-shadow:4px 4px  
4px 4px #FF5799; box-shadow:4px 4px 4px  
4px #FF5799 }
```

Background

The CSS property to change the background color of an element to Hex FF5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5799 }
```

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

```
.background{ background-color:#FF5799 }
```

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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