

Converting Colors

Hex(FF5299)

Have a look what the booklet for
Hex(FF5299) contains.

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Color

Hex(F5299)

Conversions

Conversions Part 1

Format	Color
Hex	FF5299
RGB	255, 82, 153
RGB Percent	100%, 32%, 60%
CMY	0.0000, 0.6784, 0.4000
CMYK	0.00, 0.68, 0.40, 0.00
HSL	335°, 100%, 66%
HSV	335°, 68%, 100%
XYZ	50.0071, 29.5945, 33.2136
YIQ	141.8210, 80.3170, 58.7570

Conversions

Conversions Part 2

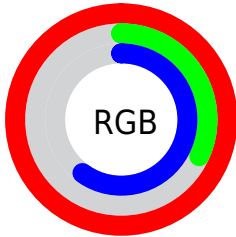
Format	Color
RYB	255, 82, 153
Decimal	16732825
CIELab	61.30, 70.44, -1.35
CIELCh	61, 70.458, 358.901
Yxy	29.5945, 0.4433, 0.2623
Android (android.graphics.Color)	4294922905 (0xFFFF5299)
YUV	141.8210, 5.5112, 99.2580
Hunter-Lab	54.4008, 68.8818, 1.8819

Details

The Hex color **FF5299** 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 **52FFB8**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8ECF**, and **C10066** is the 20% darker color. If you saturate the color by 10%, you get **FF398A**, and if you desaturate by 10%, it is **FF6BA8**.

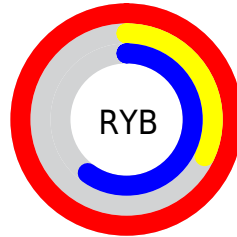
Distribution



Red (100%)

Green (32%)

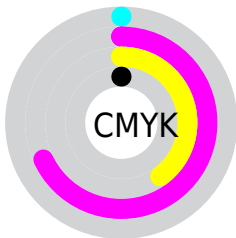
Blue (60%)



Red (100%)

Yellow (32%)

Blue (60%)

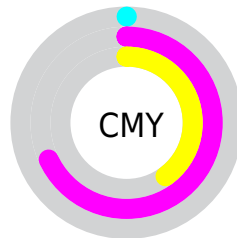


Cyan (0%)

Magenta (68%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5299 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 FF5299 by changing the saturation by 10% instead.

 FF5299

 FF5299

FFFFFF

 E0317F

 FF8ECF

 C10066

 FFABEB

 A3004E

 FFC8FF

 850038

 FFE6FF

 670023

 4C000C

 2D0001

 000000

 FF5299

 FF5299

 FF398A

 FF6BA8

 FF1F7B

 FF85B7

 FF066C

 FF9FC6

 FF0069

 FFB8D5

 FFD2E4

 FFEBF3

FFFFFF

Harmonies

Analogous

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



DC66D5



FF5299



FF5C5C

Triad

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



FF5299



76A20C



00AAFE

Complementary

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



FF5299



52FFB8

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.



00B0CF



FF5299



00AC4F

Square

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



FF5299



B39000



00B090



009CFF

Rectangle

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



FF5299



EE6E36



00B090



00ADF1

Sweetspot

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



FF5299



FFCCE1



B752FF



80616D



000000



808080

Same Dimension

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



FF5299



FF3085



FF6052



807378



BF004E



40001A

Inverse Universe

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



FF5299



FF3085



52F1FF



807378



BF004E



40001A

Previews

White Background



This preview shows how the Hex color FF5299 looks on a white background.

Color Contrast Check

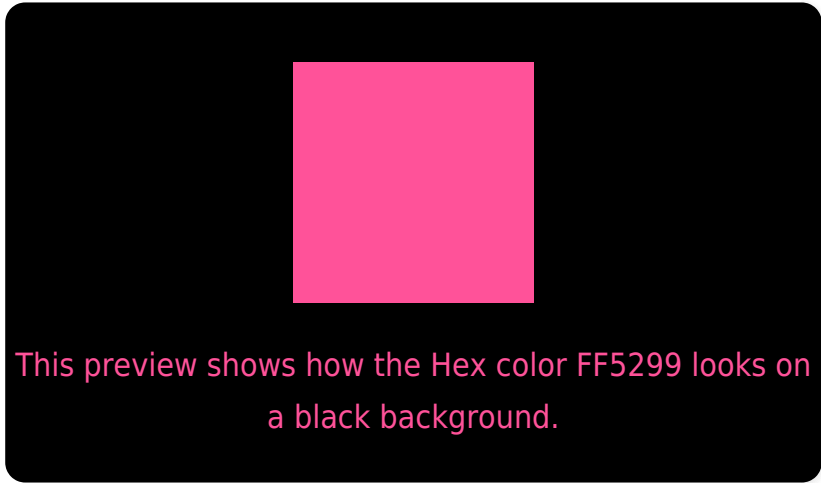
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5299 Background



This preview shows how black text looks on a background with the Hex color FF5299.




This preview shows how white text looks on a background with the Hex color FF5299.

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
FB5E64

Trichromacy



Original Color
FF5299



Protanomaly
B37BB2



Deuteranomaly
C57993



Tritanomaly
FC5A77

Monochromacy



Original Color
FF5299



Achromatopsia
8E8E8E



Achromatomaly
B77892

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5299 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 #FF5299 looks like.

```
.text, #text, p{  
    color:#FF5299  
}
```

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 #FF5299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5299
}
```

Border

The CSS property to change the border of an element to Hex FF5299 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
#FF5299 }
```

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

```
.border{ border-color:#FF5299 }
```

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

Here you see how a box with a 4 pixel #FF5299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5299; -webkit-box-shadow:4px 4px  
4px 4px #FF5299; box-shadow:4px 4px 4px  
4px #FF5299 }
```

Background

The CSS property to change the background color of an element to Hex FF5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5299 }
```

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

```
.background{ background-color:#FF5299 }
```

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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