

# Converting Colors

Hex(FF5B9D)

Have a look what the booklet for  
Hex(FF5B9D) contains.

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**Color**

**Hex(F5B9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5B9D
RGB	255, 91, 157
RGB Percent	100%, 36%, 62%
CMY	0.0000, 0.6431, 0.3843
CMYK	0.00, 0.64, 0.38, 0.00
HSL	336°, 100%, 68%
HSV	336°, 64%, 100%
XYZ	51.0669, 31.1765, 35.2244
YIQ	147.5600, 76.5580, 55.2940

# Conversions

## Conversions Part 2

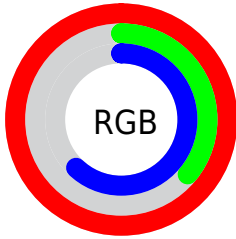
Format	Color
R <sub>Y</sub> B	255, 91, 157
Decimal	16735133
CIE Lab	62.66, 67.44, -1.68
CIE LCh	63, 67.463, 358.572
Yxy	31.1765, 0.4347, 0.2654
Android (android.graphics.Color)	4294925213 (0xFFFF5B9D)
YUV	147.5600, 4.6539, 94.2249
Hunter-Lab	55.8359, 65.5412, 1.6817

# Details

The Hex color **FF5B9D** 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 **5BFFBD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF95D3**, and **C2136A** is the 20% darker color. If you saturate the color by 10%, you get **FF428E**, and if you desaturate by 10%, it is **FF75AC**.

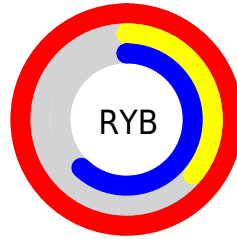
# Distribution



Red (100%)

Green (36%)

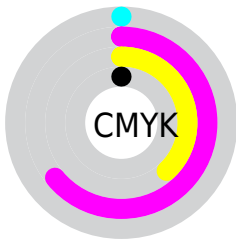
Blue (62%)



Red (100%)

Yellow (36%)

Blue (62%)

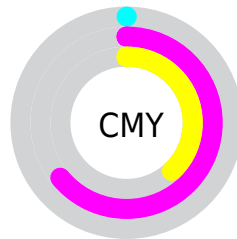


Cyan (0%)

Magenta (64%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5B9D 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 FF5B9D by changing the saturation by 10% instead.



 FF5B9D

 FF5B9D

FFFFFF

 E03C83

 FF95D3

 C2136A

 FFB2F0

 A30052

 FFD0FF

 86003B

 FFEDFF

 680026

 4C0011

 2F0002

 000000

 FF5B9D

 FF5B9D

 FF428E

 FF75AC

 FF287F

 FF8EBB

 FF0F6F

 FFA8CB

 FF0067

 FFC1DA

 FFDBE9

 FFF4F8

FFFFFF

# Harmonies

## Analogous

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



DD6DD7



FF5B9D



FF6362

# Triad

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



FF5B9D



7CA51E



00ADFD

# Complementary

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



FF5B9D



5BFFBD

# 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.



00B3CF



FF5B9D



05AF55

# Square

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



FF5B9D



B79400



00B393



00A0FF

# Rectangle

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



FF5B9D



F0733E



00B393



00B0F1



# Sweetspot

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



FF5B9D



FFCFE2



BB5BFF



80626E



000000



808080



# Same Dimension

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



FF5B9D



FF3B8A



FF695B



807378



BF004D



40001A



# Inverse Universe

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



FF5B9D



FF3B8A



5BF1FF



807378



BF004D

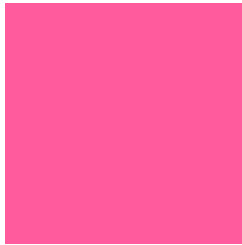


40001A



# Previews

## White Background



This preview shows how the Hex color FF5B9D looks on a white background.

## Color Contrast Check

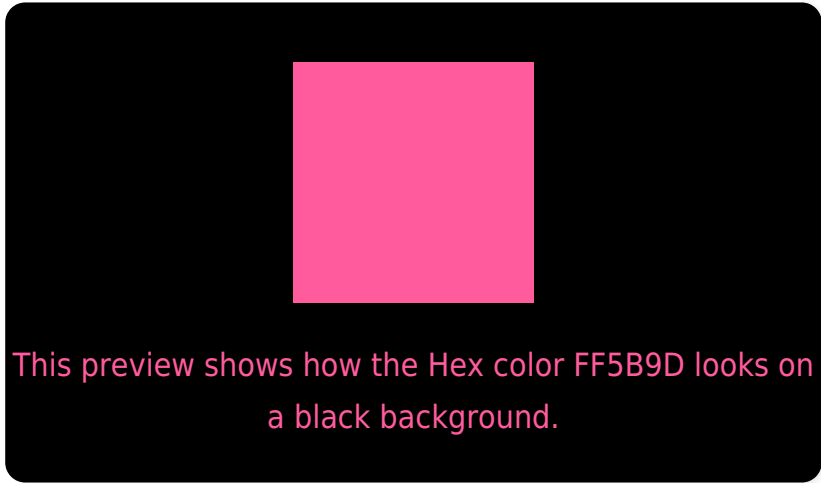
Large Text (above 18pt) WCAG AA × Fail

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 FF5B9D Background



This preview shows how black text looks on a background with the Hex color FF5B9D.




This preview shows how white text looks on a background with the Hex color FF5B9D.

# 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**  
FB666C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5B9D 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 #FF5B9D looks like.

```
.text, #text, p{  
    color:#FF5B9D  
}
```

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 #FF5B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5B9D
}
```

## Border

The CSS property to change the border of an element to Hex FF5B9D 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
#FF5B9D }
```

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

```
.border{ border-color:#FF5B9D }
```

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

Here you see how a box with a 4 pixel #FF5B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5B9D; -webkit-box-shadow:4px 4px  
4px 4px #FF5B9D; box-shadow:4px 4px 4px  
4px #FF5B9D }
```

# Background

The CSS property to change the background color of an element to Hex FF5B9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5B9D }
```

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

```
.background{ background-color:#FF5B9D }
```

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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