

Converting Colors

Hex(FF5DD9)

Have a look what the booklet for
Hex(FF5DD9) contains.

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Color

Hex(**FF5DD9**)

Conversions

Conversions Part 1

Format	Color
Hex	FF5DD9
RGB	255, 93, 217
RGB Percent	100%, 36%, 85%
CMY	0.0000, 0.6353, 0.1490
CMYK	0.00, 0.64, 0.15, 0.00
HSL	314°, 100%, 68%
HSV	314°, 64%, 100%
XYZ	57.6787, 34.0985, 69.1873
YIQ	155.5740, 56.7480, 72.9080

Conversions

Conversions Part 2

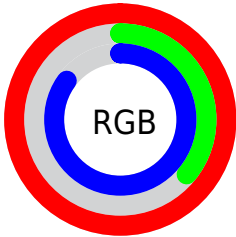
Format	Color
R _Y B	255, 93, 217
Decimal	16735705
CIE Lab	65.04, 74.00, -32.22
CIE LCh	65, 80.710, 336.473
Yxy	34.0985, 0.3583, 0.2118
Android (android.graphics.Color)	4294925785 (0xFFFF5DD9)
YUV	155.5740, 30.2830, 87.1966
Hunter-Lab	58.3939, 74.1246, -29.3733

Details

The Hex color **FF5DD9** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5DFF83**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF98FF**, and **C311A2** is the 20% darker color. If you saturate the color by 10%, you get **FF43D3**, and if you desaturate by 10%, it is **FF77DF**.

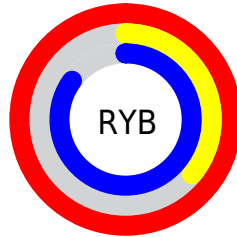
Distribution



Red (100%)

Green (36%)

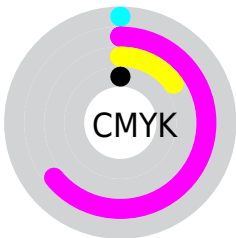
Blue (85%)



Red (100%)

Yellow (36%)

Blue (85%)

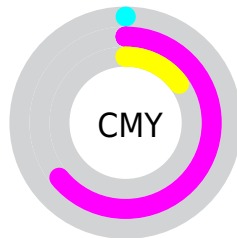


Cyan (0%)

Magenta (64%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5DD9 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 FF5DD9 by changing the saturation by 10% instead.

 FF5DD9

 FF5DD9

FFFFFF

 E13DBD

 FF98FF

 C311A2

 FFB6FF

 A50087

 FFD3FF

 88006E

 FFF1FF

 6C0055

 50003D

 350027

 10000F

 000000

 FF5DD9

 FF5DD9

 FF43D3

 FF77DF

 FF2ACD

 FF90E5

 FF10C7

 FFAAEB

 FF00C3

 FFC3F1

 FFDDF7

 FFF6FD

FFFFFF

Harmonies

Analogous

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



B183FF



FF5DD9



FF4A91

Triad

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



FF5DD9



B0A000



00BDF2

Complementary

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



FF5DD9



5DFF83

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.



00BEAC



FF5DD9



62B108

Square

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



FF5DD9



EA8400



00BA60



00B5FF

Rectangle

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



FF5DD9



FF5662



00BA60



00BEDD

Sweetspot

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



FF5DD9



FFCFF4



835DFF



806279



000000



808080

Same Dimension

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



FF5DD9



FF3DD2



FF5D88



80737D



BF0092



400031

Inverse Universe

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



FF5DD9



FF3DD2



5DFFD4



80737D



BF0092



400031

Previews

White Background



This preview shows how the Hex color FF5DD9 looks on a white background.

Color Contrast Check

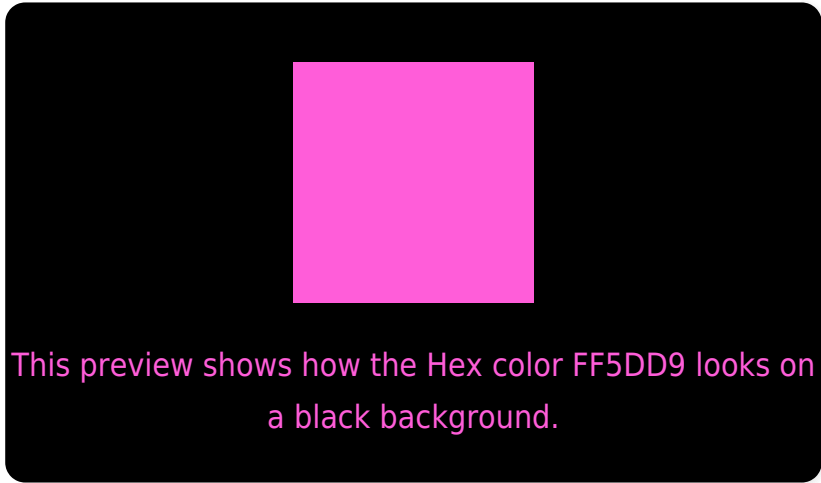
Large Text (above 18pt) WCAG AA × Fail

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 FF5DD9 Background



This preview shows how black text looks on a background with the Hex color FF5DD9.



This preview shows how white text looks on a background with the Hex color FF5DD9.

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
F6767E

Trichromacy



Original Color
FF5DD9



Protanomaly
A884F1



Deuteranomaly
BA84D3



Tritanomaly
F96D9F

Monochromacy



Original Color
FF5DD9



Achromatopsia
9C9C9C



Achromatomaly
C085B2

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5DD9 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 #FF5DD9 looks like.

```
.text, #text, p{  
    color:#FF5DD9  
}
```

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 #FF5DD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5DD9
}
```

Border

The CSS property to change the border of an element to Hex FF5DD9 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
#FF5DD9 }
```

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

```
.border{ border-color:#FF5DD9 }
```

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

Here you see how a box with a 4 pixel #FF5DD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5DD9; -webkit-box-shadow:4px 4px  
4px 4px #FF5DD9; box-shadow:4px 4px 4px  
4px #FF5DD9 }
```

Background

The CSS property to change the background color of an element to Hex FF5DD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5DD9 }
```

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

```
.background{ background-color:#FF5DD9 }
```

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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