

Converting Colors

Hex(F35DD4)

Have a look what the booklet for
Hex(F35DD4) contains.

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Color

Hex(F35DD4)

Conversions

Conversions Part 1

Format	Color
Hex	F35DD4
RGB	243, 93, 212
RGB Percent	95%, 36%, 83%
CMY	0.0471, 0.6353, 0.1686
CMYK	0.00, 0.62, 0.13, 0.05
HSL	312°, 86%, 66%
HSV	312°, 62%, 95%
XYZ	52.7602, 31.6369, 65.6131
YIQ	151.4160, 51.2010, 68.8090

Conversions

Conversions Part 2

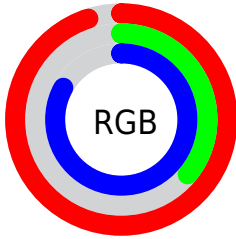
Format	Color
R _Y B	243, 93, 212
Decimal	15949268
CIE Lab	63.04, 70.23, -32.65
CIE LCh	63, 77.445, 335.064
Yxy	31.6369, 0.3517, 0.2109
Android (android.graphics.Color)	4294139348 (0xFFFF35DD4)
YUV	151.4160, 29.8679, 80.3192
Hunter-Lab	56.2466, 69.0039, -29.7906

Details

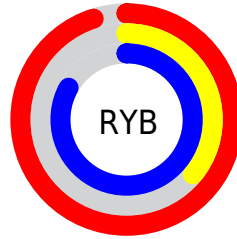
The Hex color **F35DD4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5DF37C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF97FF**, and **B7179D** is the 20% darker color. If you saturate the color by 10%, you get **F345CF**, and if you desaturate by 10%, it is **F375D9**.

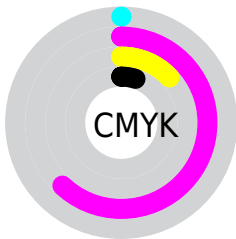
Distribution



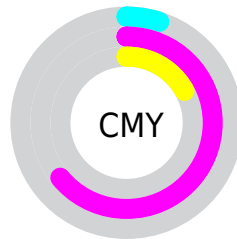
- Red (95%)
- Green (36%)
- Blue (83%)



- Red (95%)
- Yellow (36%)
- Blue (83%)



- Cyan (0%)
- Magenta (62%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color F35DD4 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 F35DD4 by changing the saturation by 10% instead.

 F35DD4

 F35DD4

FFFFFF

 D53EB8

 FF97FF

 B7179D

 FFB4FF

 9A0083

 FFD1FF

 7E0069

 FFEFFF

 620051

 470039

 2B0023

 000008

 000000

 F35DD4

 F35DD4

 F345CF

 F375D9

 F32CCA

 F38EDE

 F314C5

 F3A6E3

 F300C1

 F3BEE8

 F3D6ED

 F3EFF2

 F3FFF7

 F3FFFC

 F3FFFF

Harmonies

Analogous

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



A680FF



F35DD4



FF4A90

Triad

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



F35DD4



AD9900



00B6E6

Complementary

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



F35DD4



5DF37C

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.



00B7A3



F35DD4



64AA07

Square

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



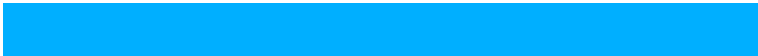
F35DD4



E47F00



00B45B



00AFFF

Rectangle

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



F35DD4



FF5463



00B45B



00B7D1

Sweetspot

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



F35DD4



FFCFF5



7B5DF3



806279



000000



808080

Same Dimension

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



F35DD4



FF42D8



F35D8A



7A6E78



BA0094



3B002F

Inverse Universe

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



F35DD4



FF42D8



5DF3C6



7A6E78



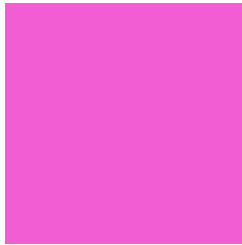
BA0094



3B002F

Previews

White Background



This preview shows how the Hex color F35DD4 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 F35DD4 Background



This preview shows how black text looks on a background with the Hex color F35DD4.

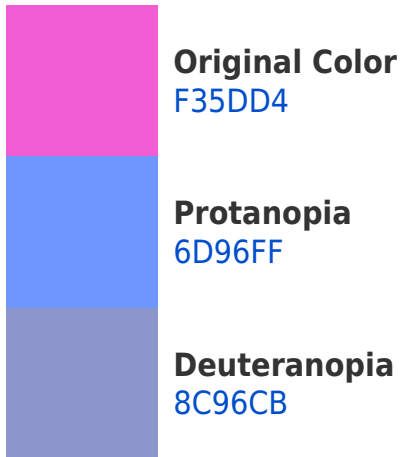


This preview shows how white text looks on a background with the Hex color F35DD4.

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



Original Color
F35DD4



Protanomaly
9E81EF



Deuteranomaly
B181CE



Tritanomaly
ED6C9C

Monochromacy



Original Color
F35DD4



Achromatopsia
979797



Achromatomaly
B882AD

CSS Examples

Text

The CSS property to change the color of the text to Hex F35DD4 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 #F35DD4 looks like.

```
.text, #text, p{  
    color:#F35DD4  
}
```

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 #F35DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F35DD4
}
```

Border

The CSS property to change the border of an element to Hex F35DD4 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
#F35DD4 }
```

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

```
.border{ border-color:#F35DD4 }
```

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

Here you see how a box with a 4 pixel #F35DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F35DD4; -webkit-box-shadow:4px 4px  
4px 4px #F35DD4; box-shadow:4px 4px 4px  
4px #F35DD4 }
```

Background

The CSS property to change the background color of an element to Hex F35DD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F35DD4 }
```

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

```
.background{ background-color:#F35DD4 }
```

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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