

Converting Colors

Hex(FD35EF)

Have a look what the booklet for
Hex(FD35EF) contains.

Hex(FD35EF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FD35EF)

Conversions

Conversions Part 1

Format	Color
Hex	FD35EF
RGB	253, 53, 239
RGB Percent	99%, 21%, 94%
CMY	0.0078, 0.7922, 0.0627
CMYK	0.00, 0.79, 0.06, 0.01
HSL	304°, 98%, 60%
HSV	304°, 79%, 99%
XYZ	57.3611, 29.6608, 84.3632
YIQ	134.0040, 59.4940, 100.2460

Conversions

Conversions Part 2

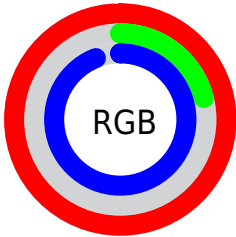
Format	Color
R _{YB}	253, 53, 239
Decimal	16594415
CIE _{Lab}	61.36, 89.08, -50.31
CIE _{LCh}	61, 102.311, 330.543
Yxy	29.6608, 0.3347, 0.1731
Android (android.graphics.Color)	4294784495 (0xFFFD35EF)
YUV	134.0040, 51.7630, 104.3595
Hunter-Lab	54.4618, 92.6945, -53.7191

Details

The Hex color **FD35EF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **35FD43**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF7BFF**, and **C000B6** is the 20% darker color. If you saturate the color by 10%, you get **FD1CED**, and if you desaturate by 10%, it is **FD4EF1**.

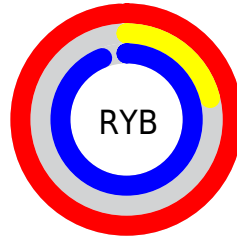
Distribution



Red (99%)

Green (21%)

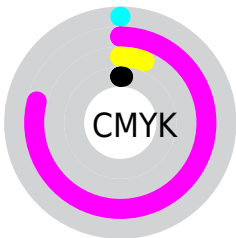
Blue (94%)



Red (99%)

Yellow (21%)

Blue (94%)

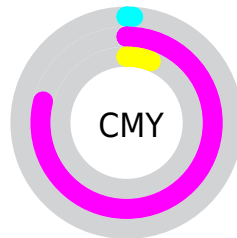


Cyan (0%)

Magenta (79%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (79%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD35EF 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 FD35EF by changing the saturation by 10% instead.

 FD35EF

 FD35EF

FFFFFF

 DE00D2

 FF7BFF

 C000B6

 FF9AFF

 A2009B

 FFB8FF

 840080

 FFD7FF

 670067

 FFF6FF

 4B004E

 2D0036

 01001F

 000002

 FD35EF

 FD35EF

 FD1CED

 FD4EF1

 FD02EB

 FD68F3

 FD00EB

 FD81F4

 FD9AF6

 FDB4F8

 FDCDFA

 FDE6FB

FDFFFD

FDFFFF

Harmonies

Analogous

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



807AFF



FD35EF



FF0097

Triad

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



FD35EF



B39200



00B9EF

Complementary

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



FD35EF



35FD43

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.



00B893



FD35EF



53A800

Square

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



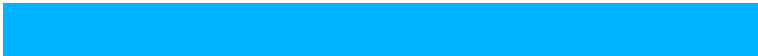
FD35EF



F76900



00B32F



00B3FF

Rectangle

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



FD35EF



FF005C



00B32F



00B9D2

Sweetspot

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



FD35EF



FFC2FB



4235FD



805B7D



000000



808080

Same Dimension

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



FD35EF



FF0DEE



FD358C



80737F



BF00B2



40003B

Inverse Universe

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



FD35EF



FF0DEE



35FDA6



80737F



BF00B2



40003B

Previews

White Background



This preview shows how the Hex color FD35EF looks on a white background.

Color Contrast Check

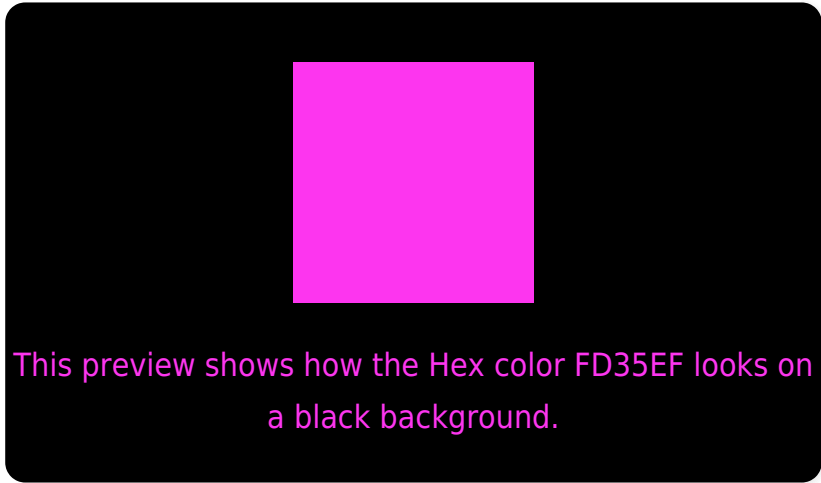
Large Text (above 18pt) WCAG AA ✓ Pass

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

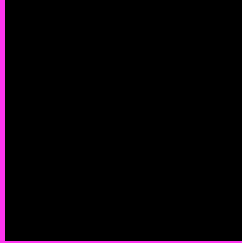
Any Text WCAG AA ✓ Pass

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 FD35EF Background



This preview shows how black text looks on a background with the Hex color FD35EF.



This preview shows how white text looks on a background with the Hex color FD35EF.

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](#).

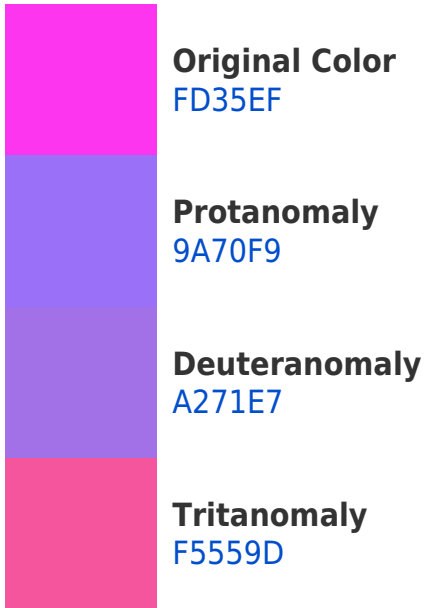
Dichromacy





Tritanopia
F0686E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FD35EF 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 #FD35EF looks like.

```
.text, #text, p{  
    color:#FD35EF  
}
```

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 #FD35EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD35EF
}
```

Border

The CSS property to change the border of an element to Hex FD35EF 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
#FD35EF }
```

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

```
.border{ border-color:#FD35EF }
```

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

Here you see how a box with a 4 pixel #FD35EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD35EF; -webkit-box-shadow:4px 4px  
4px 4px #FD35EF; box-shadow:4px 4px 4px  
4px #FD35EF }
```

Background

The CSS property to change the background color of an element to Hex FD35EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD35EF }
```

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

```
.background{ background-color:#FD35EF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor