

Converting Colors

Hex(FF50F3)

Have a look what the booklet for
Hex(FF50F3) contains.

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Color

Hex(F550F3)

Conversions

Conversions Part 1

Format	Color
Hex	FF50F3
RGB	255, 80, 243
RGB Percent	100%, 31%, 95%
CMY	0.0000, 0.6863, 0.0471
CMYK	0.00, 0.69, 0.05, 0.00
HSL	304°, 100%, 66%
HSV	304°, 69%, 100%
XYZ	60.2863, 33.4684, 88.0766
YIQ	150.9070, 51.9770, 87.7930

Conversions

Conversions Part 2

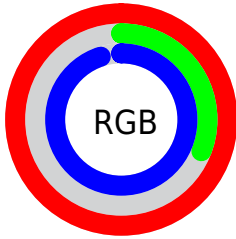
Format	Color
R _{YB}	255, 80, 243
Decimal	16732403
CIE _{Lab}	64.54, 82.45, -47.49
CIE _{LCh}	65, 95.150, 330.058
Y _{xy}	33.4684, 0.3316, 0.1841
Android (android.graphics.Color)	4294922483 (0xFFFF50F3)
YUV	150.9070, 45.4018, 91.2896
Hunter-Lab	57.8519, 84.7707, -49.7698

Details

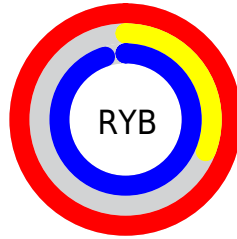
The Hex color **FF50F3** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **50FF5C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF8EFF**, and **C200BA** is the 20% darker color. If you saturate the color by 10%, you get **FF37F1**, and if you desaturate by 10%, it is **FF6AF5**.

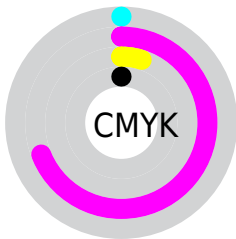
Distribution



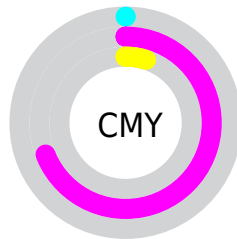
- Red (100%)
- Green (31%)
- Blue (95%)



- Red (100%)
- Yellow (31%)
- Blue (95%)



- Cyan (0%)
- Magenta (69%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF50F3 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 FF50F3 by changing the saturation by 10% instead.

 FF50F3

 FF50F3

FFFFFF

 E02BD6

 FF8EFF

 C200BA

 FFACFF

 A5009F

 FFCAFF

 870084

 FFE8FF

 6A006A

 4E0051

 32003A

 0F0023

 000009

 FF50F3

 FF50F3

 FF37F1

 FF6AF5

 FF1DF0

 FF83F6

 FF04EE

 FF9DF8

 FF00EE

 FFB6FA

 FFD0FC

 FFE9FD

FFFFFF

Harmonies

Analogous

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



8D85FF



FF50F3



FF11A0

Triad

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



FF50F3



BD9900



00C0F0

Complementary

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



FF50F3



50FF5C

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.



00C09A



FF50F3



67AF00

Square

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



FF50F3



FE7400



00BB3F



00BAFF

Rectangle

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



FF50F3



FF2968



00BB3F



00C0D5

Sweetspot

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



FF50F3



FFC9FB



5C50FF



80607D



000000



808080

Same Dimension

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



FF50F3



FF2EF1



FF509C



80737F



BF00B2



40003B

Inverse Universe

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



FF50F3



FF2EF1



50FFB3



80737F



BF00B2



40003B

Previews

White Background



This preview shows how the Hex color FF50F3 looks on a white background.

Color Contrast Check

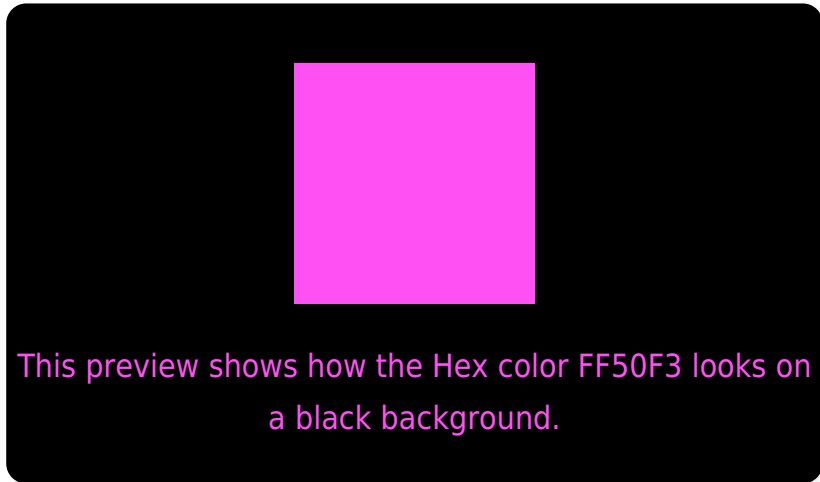
Large Text (above 18pt) WCAG AA × Fail

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

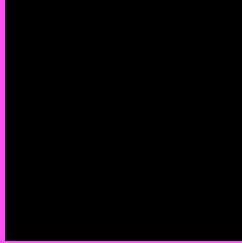
Any Text WCAG AA ✓ Pass

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 FF50F3 Background



This preview shows how black text looks on a background with the Hex color FF50F3.

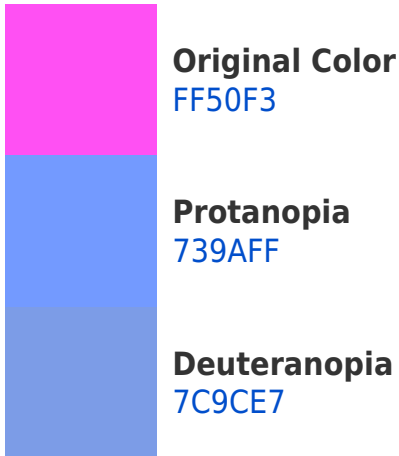


This preview shows how white text looks on a background with the Hex color FF50F3.

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
F2757D

Trichromacy



Original Color
FF50F3



Protanomaly
A67FFB



Deuteranomaly
AC80EB



Tritanomaly
F768A8

Monochromacy



Original Color
FF50F3



Achromatopsia
979797



Achromatomaly
BD7DB8

CSS Examples

Text

The CSS property to change the color of the text to Hex FF50F3 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 #FF50F3 looks like.

```
.text, #text, p{  
    color:#FF50F3  
}
```

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 #FF50F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF50F3
}
```

Border

The CSS property to change the border of an element to Hex FF50F3 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
#FF50F3 }
```

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

```
.border{ border-color:#FF50F3 }
```

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

Here you see how a box with a 4 pixel #FF50F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF50F3; -webkit-box-shadow:4px 4px  
4px 4px #FF50F3; box-shadow:4px 4px 4px  
4px #FF50F3 }
```

Background

The CSS property to change the background color of an element to Hex FF50F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF50F3 }
```

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

```
.background{ background-color:#FF50F3 }
```

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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