

Converting Colors

Hex(FF64FA)

Have a look what the booklet for
Hex(FF64FA) contains.

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Color

Hex(F664FA)

Conversions

Conversions Part 1

Format	Color
Hex	FF64FA
RGB	255, 100, 250
RGB Percent	100%, 39%, 98%
CMY	0.0000, 0.6078, 0.0196
CMYK	0.00, 0.61, 0.02, 0.00
HSL	302°, 100%, 70%
HSV	302°, 61%, 100%
XYZ	63.0525, 37.2765, 94.3143
YIQ	163.4450, 44.2300, 79.5100

Conversions

Conversions Part 2

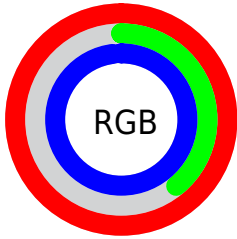
Format	Color
R _Y B	255, 100, 250
Decimal	16737530
CIE Lab	67.48, 76.23, -46.71
CIE LCh	67, 89.401, 328.500
Yxy	37.2765, 0.3239, 0.1915
Android (android.graphics.Color)	4294927610 (0xFFFF64FA)
YUV	163.4450, 42.6716, 80.2937
Hunter-Lab	61.0545, 77.4962, -48.8505

Details

The Hex color **FF64FA** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **64FF69**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FF9FFF**, and **C31FC1** is the 20% darker color. If you saturate the color by 10%, you get **FF4BF9**, and if you desaturate by 10%, it is **FF7DFB**.

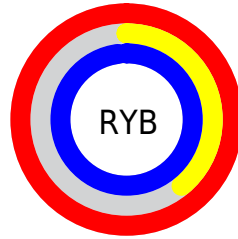
Distribution



Red (100%)

Green (39%)

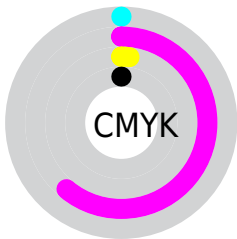
Blue (98%)



Red (100%)

Yellow (39%)

Blue (98%)

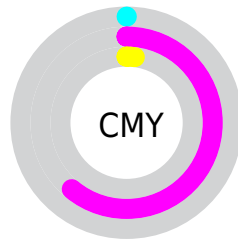


Cyan (0%)

Magenta (61%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF64FA 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 FF64FA by changing the saturation by 10% instead.

 FF64FA

 FF64FA

FFFFFF

 E145DD

 FF9FFF

 C31FC1

 FFBCFF

 A500A5

 FFDAFF

 89008B

 FFF8FF

 6C0070

 500057

 36003F

 150028

 000112

 FF64FA

 FF64FA

 FF4BF9

 FF7DFB

 FF31F8

 FF97FC

 FF18F8

 FFB1FC

 FF00F7

 FFCAFD

 FFE3FE

 FFFDFF

 FFFFFFFF

Harmonies

Analogous

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



9291FF



FF64FA



FF3FAC

Triad

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



FF64FA



C9A000



00C7F0

Complementary

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



FF64FA



64FF69

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.



00C79E



FF64FA



7AB600

Square

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



FF64FA



FF7D00



00C149



00C1FF

Rectangle

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



FF64FA



FF4577



00C149



00C8D5

Sweetspot

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



FF64FA



FFD1FE



6764FF



80637F



000000



808080

Same Dimension

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



FF64FA



FF45F9



FF64AF



80737F



BF00B9



40003E

Inverse Universe

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



FF64FA



FF45F9



64FFB4



80737F



BF00B9



40003E

Previews

White Background



This preview shows how the Hex color FF64FA looks on a white background.

Color Contrast Check

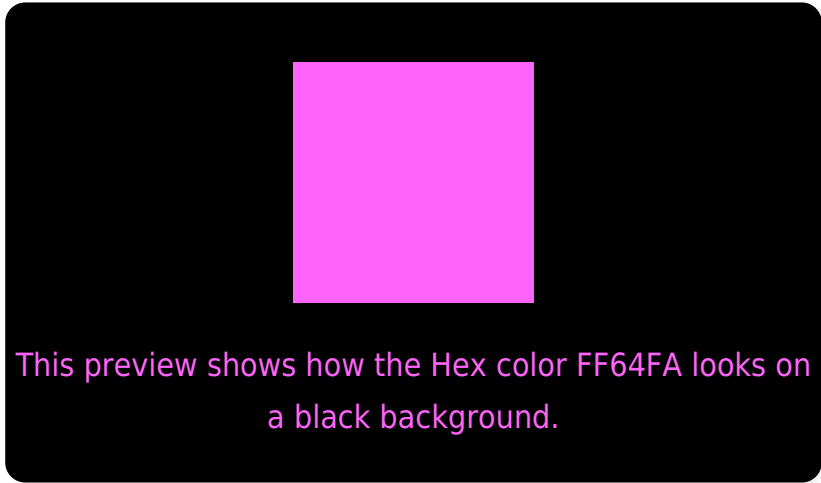
Large Text (above 18pt) WCAG AA × Fail

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

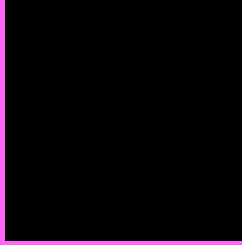
Any Text WCAG AA ✓ Pass

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 FF64FA Background



This preview shows how black text looks on a background with the Hex color FF64FA.



This preview shows how white text looks on a background with the Hex color FF64FA.

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
F2838C

Trichromacy



Original Color
FF64FA



Protanomaly
AF8BFD



Deuteranomaly
B28CF3



Tritanomaly
F778B4

Monochromacy



Original Color
FF64FA



Achromatopsia
A3A3A3



Achromatomaly
C48CC3

CSS Examples

Text

The CSS property to change the color of the text to Hex FF64FA 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 #FF64FA looks like.

```
.text, #text, p{  
    color:#FF64FA  
}
```

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 #FF64FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF64FA
}
```

Border

The CSS property to change the border of an element to Hex FF64FA 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
#FF64FA }
```

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

```
.border{ border-color:#FF64FA }
```

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

Here you see how a box with a 4 pixel #FF64FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF64FA; -webkit-box-shadow:4px 4px  
4px 4px #FF64FA; box-shadow:4px 4px 4px  
4px #FF64FA }
```

Background

The CSS property to change the background color of an element to Hex FF64FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF64FA }
```

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

```
.background{ background-color:#FF64FA }
```

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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