

# Converting Colors

Hex(64F4FF)

Have a look what the booklet for  
Hex(64F4FF) contains.

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# Color

Hex(64F4FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	64F4FF
RGB	100, 244, 255
RGB Percent	39%, 96%, 100%
CMY	0.6078, 0.0431, 0.0000
CMYK	0.61, 0.04, 0.00, 0.00
HSL	184°, 100%, 70%
HSV	184°, 61%, 100%
XYZ	55.6562, 74.6307, 106.0795
YIQ	202.1980, -89.3550, -27.1070

# Conversions

## Conversions Part 2

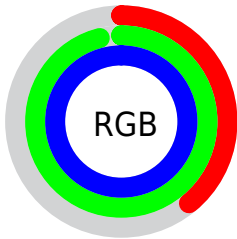
Format	Color
<a href="#">RYB</a>	<a href="#">100, 175, 255</a>
Decimal	<a href="#">6616319</a>
CIELab	<a href="#">89.22, -35.23, -16.86</a>
CIELCh	<a href="#">89, 39.051, 205.570</a>
Yxy	<a href="#">74.6307, 0.2355, 0.3157</a>
Android (android.graphics.Color)	<a href="#">4284806399 (0xFF64F4FF)</a>
YUV	<a href="#">202.1980, 26.0314, -89.6276</a>
Hunter-Lab	<a href="#">86.3891, -36.1821, -12.3315</a>

# Details

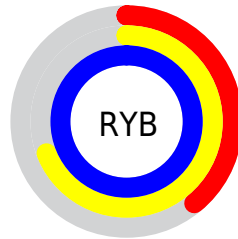
The Hex color **64F4FF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF6F64**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A5FFFF**, and **00BBC6** is the 20% darker color. If you saturate the color by 10%, you get **4BF2FF**, and if you desaturate by 10%, it is **7DF6FF**.

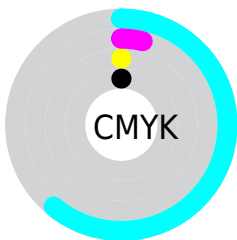
# Distribution



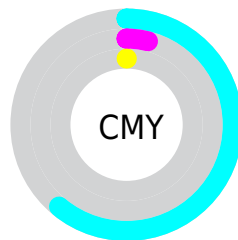
- Red (39%)
- Green (96%)
- Blue (100%)



- Red (39%)
- Yellow (69%)
- Blue (100%)



- Cyan (61%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64F4FF 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 64F4FF by changing the saturation by 10% instead.



 64F4FF

 64F4FF

FFFFFF

 3ED7E2

 A5FFFF

 00BBC6

 C4FFFF

 00A0AB

 E3FFFF

 008591

 006C77

 00535E

 003B47

 002630

 00011C

 64F4FF

 64F4FF

 4BF2FF

 7DF6FF

 31F0FF

 97F8FF

 18EFFF

 B1F9FF

 00EDFF

 CAFBFF

 E3FDFF

 FDFFFF

 FFFFFFFF

# Harmonies

## Analogous

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



82F4D9



64F4FF



73EFFF

# Triad

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



64F4FF



FFCCFF



FFDC96

# Complementary

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



64F4FF



FF6F64

# 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.



FFCFA4



64F4FF



FFC5E7

# Square

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



64F4FF



DED9FF



FFC6C2



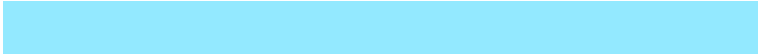
D9E89C

# Rectangle

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



64F4FF



93E9FF



FFC6C2



FFD898

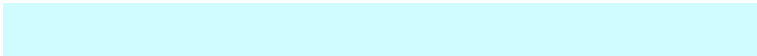


# Sweetspot

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



64F4FF



D1FCFF



64FF6E



637E80



000000



808080



# Same Dimension

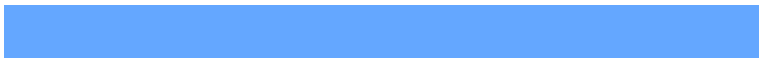
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64F4FF



45F2FF



64A7FF



737F80



00B2BF



003B40



# Inverse Universe

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



FF64F4



FF45F2



FFBC64



80737F



BF00B2

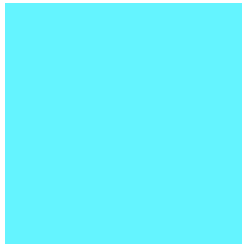


40003B



# Previews

## White Background



This preview shows how the Hex color 64F4FF looks on a white background.

## Color Contrast Check

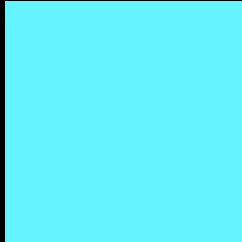
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 64F4FF looks on a 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 64F4FF Background



This preview shows how black text looks on a background with the Hex color 64F4FF.

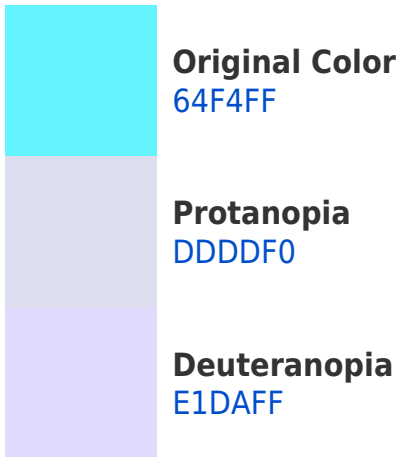


This preview shows how white text looks on a background with the Hex color 64F4FF.

# 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



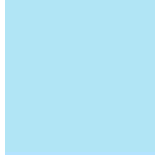


**Tritanopia**  
8AEFFF

# Trichromacy



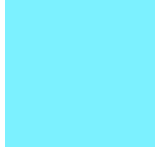
**Original Color**  
64F4FF



**Protanomaly**  
B1E5F5



**Deuteranomaly**  
B4E3FF

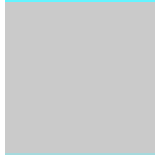


**Tritanomaly**  
7CF1FF

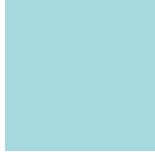
# Monochromacy



**Original Color**  
64F4FF



**Achromatopsia**  
CACACA



**Achromatomaly**  
A5D9DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64F4FF 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 #64F4FF looks like.

```
.text, #text, p{  
    color:#64F4FF  
}
```

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 #64F4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64F4FF
}
```

## Border

The CSS property to change the border of an element to Hex 64F4FF 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
#64F4FF }
```

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

```
.border{ border-color:#64F4FF }
```

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

Here you see how a box with a 4 pixel #64F4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64F4FF; -webkit-box-shadow:4px 4px  
4px 4px #64F4FF; box-shadow:4px 4px 4px  
4px #64F4FF }
```

# Background

The CSS property to change the background color of an element to Hex 64F4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64F4FF }
```

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

```
.background{ background-color:#64F4FF }
```

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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