

# Converting Colors

Hex(64F8FF)

Have a look what the booklet for  
Hex(64F8FF) contains.

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**Color**

**Hex(64F8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64F8FF
RGB	100, 248, 255
RGB Percent	39%, 97%, 100%
CMY	0.6078, 0.0275, 0.0000
CMYK	0.61, 0.03, 0.00, 0.00
HSL	183°, 100%, 70%
HSV	183°, 61%, 100%
XYZ	56.8729, 77.0641, 106.4851
YIQ	204.5460, -90.4550, -29.1990

# Conversions

## Conversions Part 2

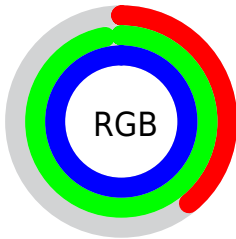
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 176, 255
Decimal	6617343
CIELab	90.35, -37.08, -15.16
CIELCh	90, 40.055, 202.235
Yxy	77.0641, 0.2366, 0.3205
Android (android.graphics.Color)	4284807423 (0xFF64F8FF)
YUV	204.5460, 24.8738, -91.6868
Hunter-Lab	87.7862, -37.9832, -10.4688

# Details

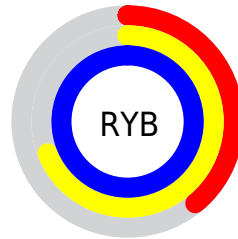
The Hex color **64F8FF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF6B64**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A5FFFF**, and **00BFC6** is the 20% darker color. If you saturate the color by 10%, you get **4BF7FF**, and if you desaturate by 10%, it is **7DF9FF**.

# Distribution



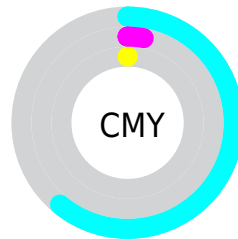
- Red (39%)
- Green (97%)
- Blue (100%)



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



- Cyan (61%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64F8FF 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 64F8FF by changing the saturation by 10% instead.



 64F8FF

 64F8FF

FFFFFF

 3EDBE2

 A5FFFF

 00BFC6

 C4FFFF

 00A4AB

 E3FFFF

 008991

 006F77

 00565E

 003E47

 002830

 00041C

 64F8FF

 64F8FF

 4BF7FF

 7DF9FF

 31F6FF

 97FAFF

 18F5FF

 B1FBFF

 00F3FF

 CAFDFF

 E3FEFF

FDFFFF

FFFFFF

# Harmonies

## Analogous

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



87F8D8



64F8FF



6DF3FF

# Triad

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



64F8FF



FFD0FF



FFDE98

# Complementary

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



64F8FF



FF6B64

# 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.



FFD1A8



64F8FF



FFC7EF

# Square

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



64F8FF



DBDDFF



FFC8C8



E0EA9B

# Rectangle

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



64F8FF



8DEEFF



FFC8C8



FFD99B

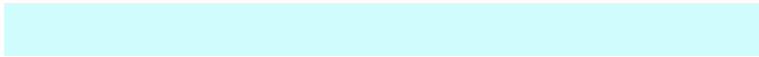


# Sweetspot

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



64F8FF



D1FDFD



64FF69



637E80



000000



808080



# Same Dimension

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



64F8FF



45F7FF



64ACFF



737F80



00B7BF



003D40



# Inverse Universe

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



FF64F8



FF45F7



FFB764



80737F



BF00B7

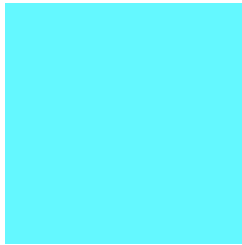


40003D



# Previews

## White Background



This preview shows how the Hex color 64F8FF looks on a white background.

## Color Contrast Check

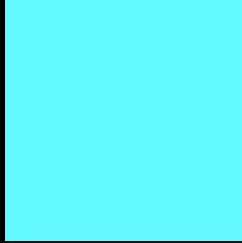
Large Text (above 18pt) WCAG AA × Fail

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 64F8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

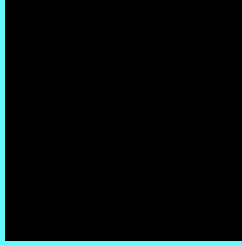
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64F8FF Background



This preview shows how black text looks on a background with the Hex color 64F8FF.



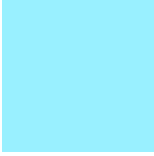
This preview shows how white text looks on a background with the Hex color 64F8FF.

# 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



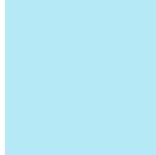


**Tritanopia**  
99F0FF

# Trichromacy



**Original Color**  
64F8FF



**Protanomaly**  
B4E9F5



**Deuteranomaly**  
B7E7FF

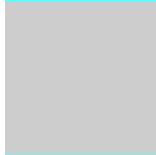


**Tritanomaly**  
86F3FF

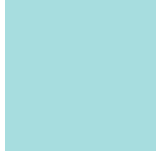
# Monochromacy



**Original Color**  
64F8FF



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
A7DDDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64F8FF 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 #64F8FF looks like.

```
.text, #text, p{  
    color:#64F8FF  
}
```

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 #64F8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64F8FF
}
```

## Border

The CSS property to change the border of an element to Hex 64F8FF 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
#64F8FF }
```

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

```
.border{ border-color:#64F8FF }
```

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

Here you see how a box with a 4 pixel #64F8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64F8FF; -webkit-box-shadow:4px 4px  
4px 4px #64F8FF; box-shadow:4px 4px 4px  
4px #64F8FF }
```

# Background

The CSS property to change the background color of an element to Hex 64F8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64F8FF }
```

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

```
.background{ background-color:#64F8FF }
```

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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