

# Converting Colors

Hex(64C4FF)

Have a look what the booklet for  
Hex(64C4FF) contains.

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# **Color**

**Hex(64C4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64C4FF
RGB	100, 196, 255
RGB Percent	39%, 77%, 100%
CMY	0.6078, 0.2314, 0.0000
CMYK	0.61, 0.23, 0.00, 0.00
HSL	203°, 100%, 70%
HSV	203°, 61%, 100%
XYZ	43.0455, 49.4092, 101.8759
YIQ	174.0220, -76.1550, -2.0030

# Conversions

## Conversions Part 2

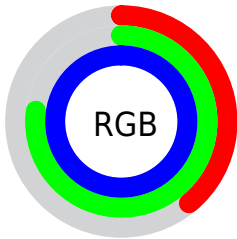
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 159, 255</a>
Decimal	<a href="#">6604031</a>
<a href="#">CIELab</a>	<a href="#">75.71, -11.31, -37.50</a>
<a href="#">CIElCh</a>	<a href="#">76, 39.170, 253.219</a>
<a href="#">Yxy</a>	<a href="#">49.4092, 0.2215, 0.2543</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4284794111 (0xFF64C4FF)</a>
<a href="#">YUV</a>	<a href="#">174.0220, 39.9222, -64.9173</a>
<a href="#">Hunter-Lab</a>	<a href="#">70.2917, -13.7000, -36.7267</a>

# Details

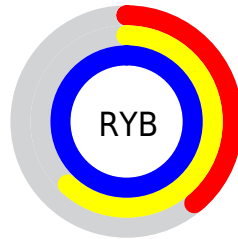
The Hex color **64C4FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9F64**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A2FDFF**, and **0C8EC6** is the 20% darker color. If you saturate the color by 10%, you get **4BBAFF**, and if you desaturate by 10%, it is **7DCEFF**.

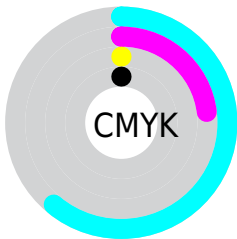
# Distribution



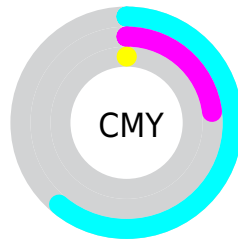
- Red (39%)
- Green (77%)
- Blue (100%)



- Red (39%)
- Yellow (62%)
- Blue (100%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64C4FF 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 64C4FF by changing the saturation by 10% instead.



 64C4FF

 64C4FF

FFFFFF

 41A9E2

 A2FDFF

 0C8EC6

 C0FFFF

 0075AB

 DFFFFFF

 005C90

FEFFFF

 004576

 002F5D

 001B45

 00042E

 000119

■ 64C4FF

■ 64C4FF

■ 4BBAFF

■ 7DCEFF

■ 31B1FF

■ 97D7FF

■ 18A7FF

■ B1E1FF

■ 009EFF

■ CAEBFF

■ E3F5FF

■ FDFEFF

■ FFFFFFFF

# Harmonies

## Analogous

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



2DCBEB



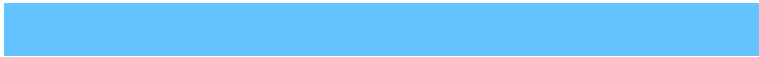
64C4FF



A1B9FF

# Triad

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



64C4FF



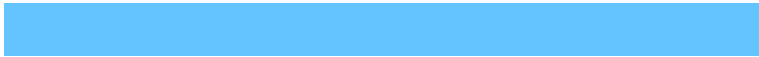
FF9FAC



9BC785

# Complementary

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



64C4FF



FF9F64

# 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.



C3BD73



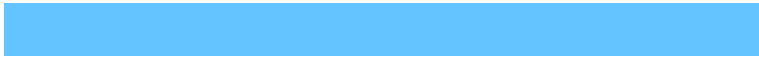
64C4FF



FBA58B

# Square

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



64C4FF



F4A1D0



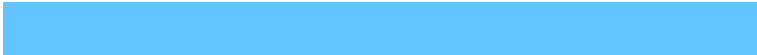
E4B176



6DCDA5

# Rectangle

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



64C4FF



C4B0F7



E4B176



A8C47D

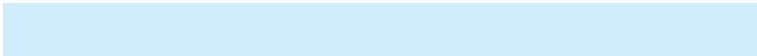


# Sweetspot

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



64C4FF



D1EEFF



64FF9D



637580



000000



808080



# Same Dimension

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



64C4FF



45B8FF



6479FF



737B80



0076BF



002740



# Inverse Universe

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



FF64C4



FF45B8



FFEA64



80737B



BF0076

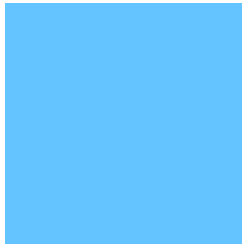


400027



# Previews

## White Background



This preview shows how the Hex color 64C4FF looks on a white background.

## Color Contrast Check

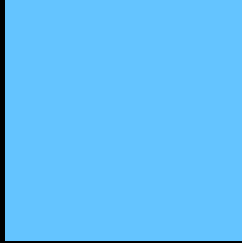
Large Text (above 18pt) WCAG AA × Fail

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 64C4FF 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

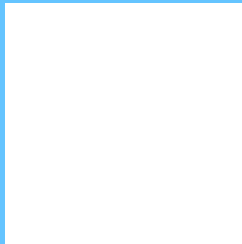
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64C4FF Background



This preview shows how black text looks on a background with the Hex color 64C4FF.

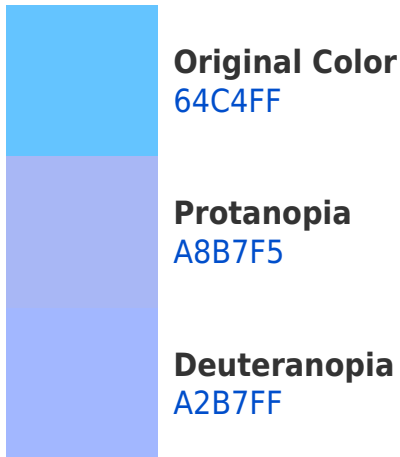


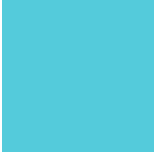
This preview shows how white text looks on a background with the Hex color 64C4FF.

# 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](#).

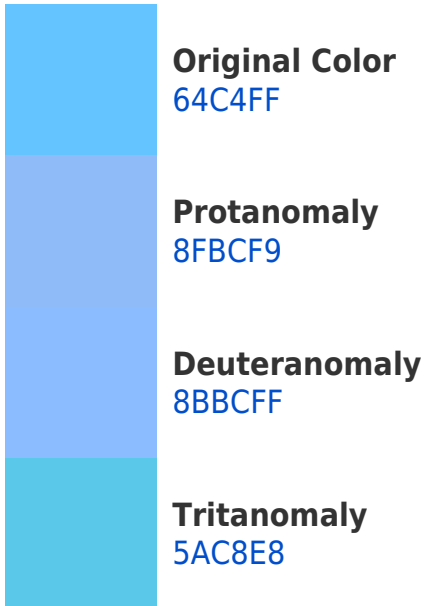
## Dichromacy



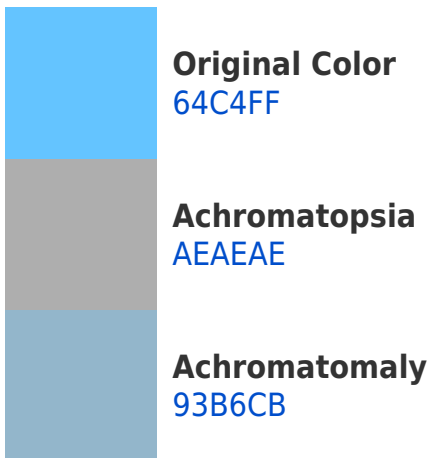


**Tritanopia**  
54CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64C4FF 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 #64C4FF looks like.

```
.text, #text, p{  
    color:#64C4FF  
}
```

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 #64C4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C4FF
}
```

## Border

The CSS property to change the border of an element to Hex 64C4FF 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
#64C4FF }
```

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

```
.border{ border-color:#64C4FF }
```

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

Here you see how a box with a 4 pixel #64C4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C4FF; -webkit-box-shadow:4px 4px  
4px 4px #64C4FF; box-shadow:4px 4px 4px  
4px #64C4FF }
```

# Background

The CSS property to change the background color of an element to Hex 64C4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C4FF }
```

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

```
.background{ background-color:#64C4FF }
```

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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