

# Converting Colors

Hex(64BFF7)

Have a look what the booklet for  
Hex(64BFF7) contains.

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# **Color**

**Hex(64BFF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64BFF7
RGB	100, 191, 247
RGB Percent	39%, 75%, 97%
CMY	0.6078, 0.2510, 0.0314
CMYK	0.60, 0.23, 0.00, 0.03
HSL	203°, 90%, 68%
HSV	203°, 60%, 97%
XYZ	40.6748, 46.6863, 94.8633
YIQ	170.1750, -72.2120, -1.8760

# Conversions

## Conversions Part 2

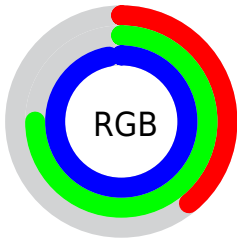
Format	Color
R <sub>Y</sub> B	100, 156, 247
Decimal	6602743
CIE Lab	73.99, -11.09, -35.87
CIE LCh	74, 37.542, 252.814
Yxy	46.6863, 0.2232, 0.2562
Android (android.graphics.Color)	4284792823 (0xFF64BFF7)
YUV	170.1750, 37.8747, -61.5435
Hunter-Lab	68.3274, -13.3131, -34.4869

# Details

The Hex color **64BFF7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F79C64**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A1F7FF**, and **138ABE** is the 20% darker color. If you saturate the color by 10%, you get **4BB6F7**, and if you desaturate by 10%, it is **7DC8F7**.

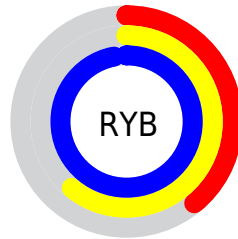
# Distribution



Red (39%)

Green (75%)

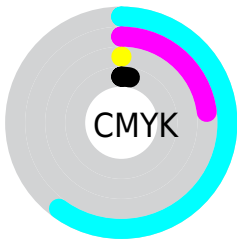
Blue (97%)



Red (39%)

Yellow (61%)

Blue (97%)

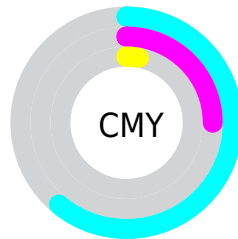


Cyan (60%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (61%)

Magenta (25%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64BFF7 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 64BFF7 by changing the saturation by 10% instead.



 64BFF7

FFFFFF

 A1F7FF

 BFFFFFF

 DDFFFF

 FCFFFF

 64BFF7

 43A4DA

 138ABE

 0070A3

 005889

 00416F

 002B56

 00173F

 000328

 000112

■ 64BFF7

■ 64BFF7

■ 4BB6F7

■ 7DC8F7

■ 33ACF7

■ 95D2F7

■ 1AA3F7

■ AEDBF7

■ 0199F7

■ C7E5F7

■ 0099F7

■ E0EEF7

■ F8F7F7

■ FFFFF7

# Harmonies

## Analogous

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



35C6E4



64BFF7



9DB4F9

# Triad

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



64BFF7



FA9BA8



98C282

# Complementary

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



64BFF7



F79C64

# 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.



BEB972



64BFF7



F4A289

# Square

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



64BFF7



ED9ECB



DEAD74



6DC7A0

# Rectangle

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



64BFF7



BEACF0



DEAD74



A5BF7B

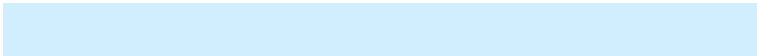


# Sweetspot

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



64BFF7



D1EEFF



64F79A



637580



000000



808080



# Same Dimension

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



64BFF7



4ABAFF



6478F7



6E767A



0073BA



00243B



# Inverse Universe

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



F764BF



FF4ABA



F7E364



7A6E76



BA0073

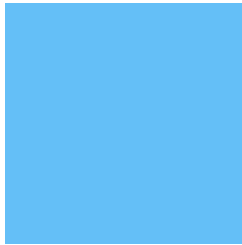


3B0024



# Previews

## White Background



This preview shows how the Hex color 64BFF7 looks on a white background.

## Color Contrast Check

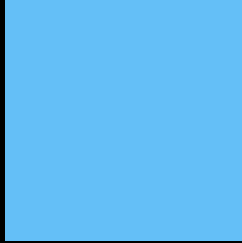
Large Text (above 18pt) WCAG AA × Fail

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 64BFF7 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

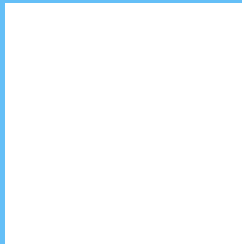
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64BFF7 Background



This preview shows how black text looks on a background with the Hex color 64BFF7.

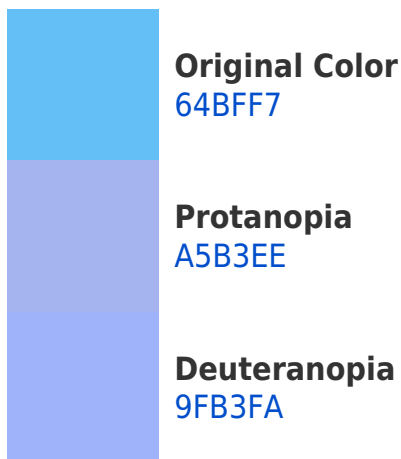


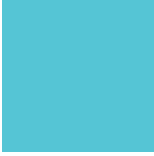
This preview shows how white text looks on a background with the Hex color 64BFF7.

# 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](#).

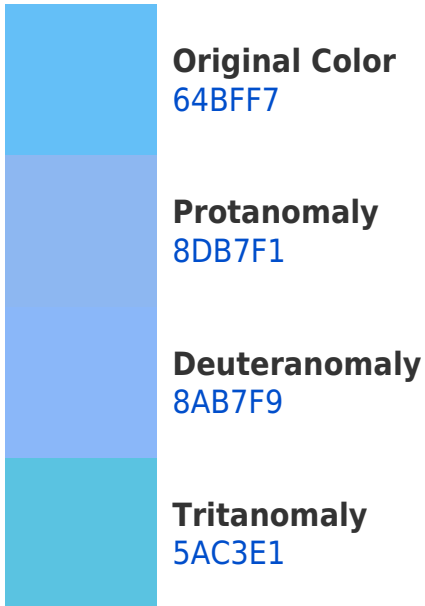
## Dichromacy



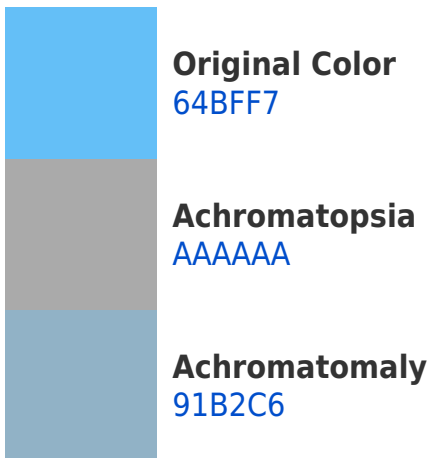


**Tritanopia**  
55C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64BFF7 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 #64BFF7 looks like.

```
.text, #text, p{  
    color:#64BFF7  
}
```

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 #64BFF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64BFF7
}
```

## Border

The CSS property to change the border of an element to Hex 64BFF7 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
#64BFF7 }
```

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

```
.border{ border-color:#64BFF7 }
```

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

Here you see how a box with a 4 pixel #64BFF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64BFF7; -webkit-box-shadow:4px 4px  
4px 4px #64BFF7; box-shadow:4px 4px 4px  
4px #64BFF7 }
```

# Background

The CSS property to change the background color of an element to Hex 64BFF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64BFF7 }
```

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

```
.background{ background-color:#64BFF7 }
```

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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