

# Converting Colors

Hex(64B2FF)

Have a look what the booklet for  
Hex(64B2FF) contains.

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# **Color**

**Hex(64B2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64B2FF
RGB	100, 178, 255
RGB Percent	39%, 70%, 100%
CMY	0.6078, 0.3020, 0.0000
CMYK	0.61, 0.30, 0.00, 0.00
HSL	210°, 100%, 70%
HSV	210°, 61%, 100%
XYZ	39.2259, 41.7701, 100.6028
YIQ	163.4560, -71.2050, 7.4110

# Conversions

## Conversions Part 2

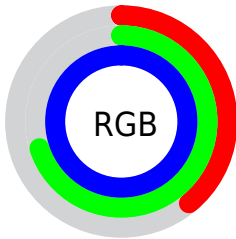
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 152, 255</a>
Decimal	<a href="#">6599423</a>
CIELab	<a href="#">70.71, -1.50, -45.29</a>
CIELCh	<a href="#">71, 45.317, 268.106</a>
Yxy	<a href="#">41.7701, 0.2160, 0.2300</a>
Android (android.graphics.Color)	<a href="#">4284789503 (0xFF64B2FF)</a>
YUV	<a href="#">163.4560, 45.1312, -55.6509</a>
Hunter-Lab	<a href="#">64.6298, -4.7647, -47.0500</a>

# Details

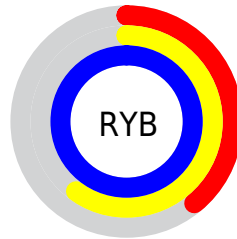
The Hex color **64B2FF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **FFB164**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A2E9FF**, and **0F7EC6** is the 20% darker color. If you saturate the color by 10%, you get **4BA5FF**, and if you desaturate by 10%, it is **7DBFFF**.

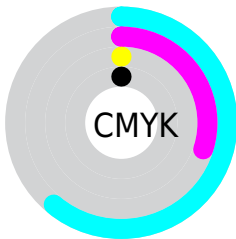
# Distribution



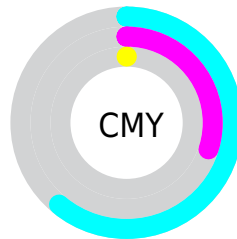
- Red (39%)
- Green (70%)
- Blue (100%)



- Red (39%)
- Yellow (60%)
- Blue (100%)



- Cyan (61%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64B2FF 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 64B2FF by changing the saturation by 10% instead.



 64B2FF

 64B2FF

FFFFFF

 4297E2

 A2E9FF

 0F7EC6

 C0FFFF

 0065AA

 DEFFFF

 004D8F

FDFFFF

 003775

 00225C

 000B44

 00032D

 000118

■ 64B2FF

■ 64B2FF

■ 4BA5FF

■ 7DBFFF

■ 3199FF

■ 97CBFF

■ 188CFF

■ B1D8FF

■ 0080FF

■ CAE5FF

■ E3F1FF

■ FDFEFF

■ FFFFFFFF

# Harmonies

## Analogous

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



00BCF2



64B2FF



ADA3F6

# Triad

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



64B2FF



FA8F88



6DBE80

# Complementary

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



64B2FF



FFB164

# 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.



9FB662



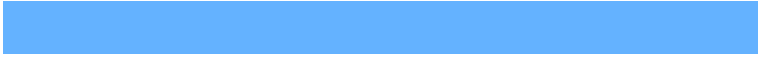
64B2FF



E99B68

# Square

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



64B2FF



F88CB1



C9AA59



1BC2A9

# Rectangle

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



64B2FF



D099E4



C9AA59



7FBC74

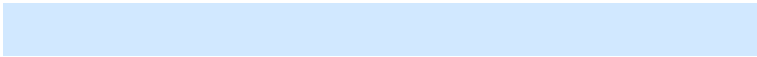


# Sweetspot

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



64B2FF



D1E8FF



64FFAF



637280



000000



808080



# Same Dimension

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



64B2FF



45A3FF



6467FF



737980



0060BF



002040



# Inverse Universe

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



FF64B2



FF45A3



FFFC64



807379



BF0060



400020



# Previews

## White Background



This preview shows how the Hex color 64B2FF looks on a white background.

## Color Contrast Check

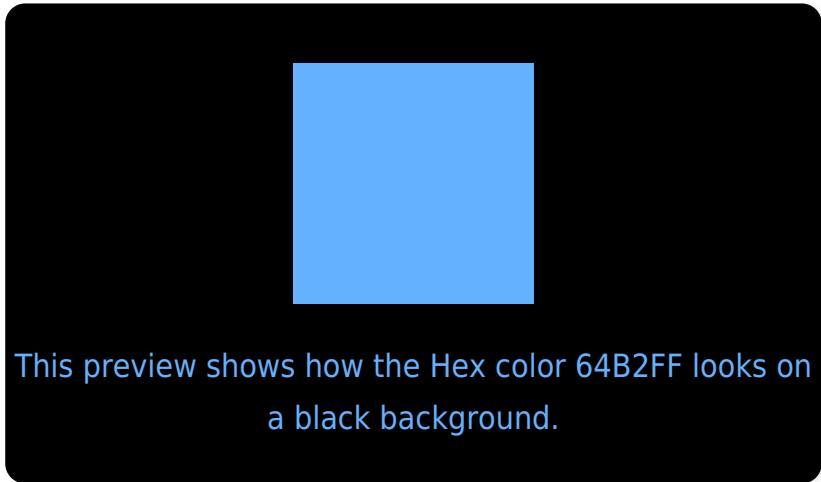
Large Text (above 18pt) WCAG AA × Fail

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

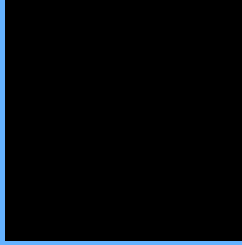
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

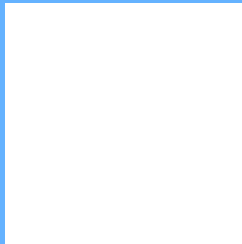
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64B2FF Background



This preview shows how black text looks on a background with the Hex color 64B2FF.



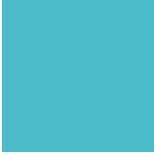
This preview shows how white text looks on a background with the Hex color 64B2FF.

# Color Blindness Simulation

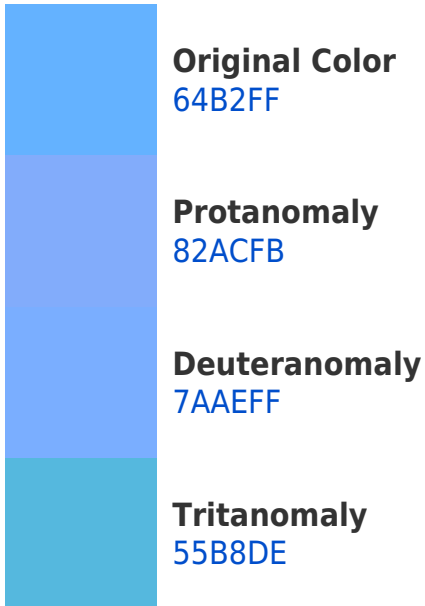
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

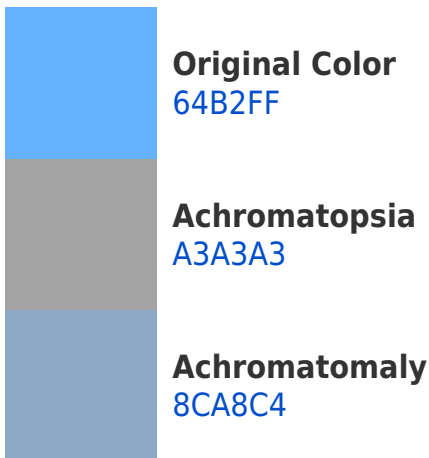




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64B2FF 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 #64B2FF looks like.

```
.text, #text, p{  
    color:#64B2FF  
}
```

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 #64B2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B2FF
}
```

## Border

The CSS property to change the border of an element to Hex 64B2FF 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
#64B2FF }
```

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

```
.border{ border-color:#64B2FF }
```

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

Here you see how a box with a 4 pixel #64B2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B2FF; -webkit-box-shadow:4px 4px  
4px 4px #64B2FF; box-shadow:4px 4px 4px  
4px #64B2FF }
```

# Background

The CSS property to change the background color of an element to Hex 64B2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B2FF }
```

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

```
.background{ background-color:#64B2FF }
```

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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