

# Converting Colors

Hex(65B6FF)

Have a look what the booklet for  
Hex(65B6FF) contains.

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# **Color**

**Hex(65B6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65B6FF
RGB	101, 182, 255
RGB Percent	40%, 71%, 100%
CMY	0.6039, 0.2863, 0.0000
CMYK	0.60, 0.29, 0.00, 0.00
HSL	208°, 100%, 70%
HSV	208°, 60%, 100%
XYZ	40.1448, 43.4426, 100.8771
YIQ	166.1030, -71.7090, 5.5310

# Conversions

## Conversions Part 2

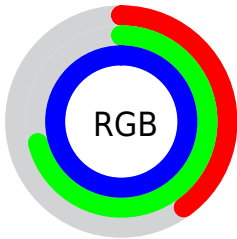
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 154, 255</a>
Decimal	<a href="#">6665983</a>
CIELab	<a href="#">71.85, -3.54, -43.50</a>
CIELCh	<a href="#">72, 43.643, 265.352</a>
Yxy	<a href="#">43.4426, 0.2176, 0.2355</a>
Android (android.graphics.Color)	<a href="#">4284856063</a> ( <a href="#">0xFF65B6FF</a> )
YUV	<a href="#">166.1030, 43.8262, -57.0953</a>
Hunter-Lab	<a href="#">65.9110, -6.6243, -44.6060</a>

# Details

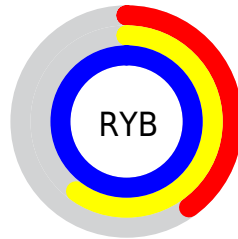
The Hex color **65B6FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFAE65**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A3EEFF**, and **1281C6** is the 20% darker color. If you saturate the color by 10%, you get **4BAAFF**, and if you desaturate by 10%, it is **7EC2FF**.

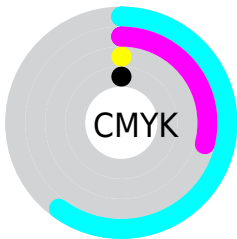
# Distribution



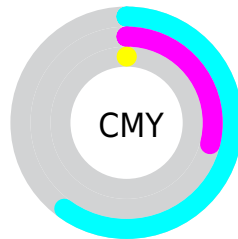
- Red (40%)
- Green (71%)
- Blue (100%)



- Red (40%)
- Yellow (60%)
- Blue (100%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65B6FF 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 65B6FF by changing the saturation by 10% instead.



 65B6FF

 65B6FF

FFFFFF

 439BE2

 A3EEFF

 1281C6

 C1FFFF

 0069AA

 DFFFFF

 005190

FEFFFF

 003A76

 00255C

 001044

 00032D

 000118

 65B6FF

 65B6FF

 4BAAFF

 7EC2FF

 329EFF

 98CEFF

 1892FF

 B2DAFF

 0086FF

 CBE6FF

 E4F2FF

FEFFFF

FFFFFF

# Harmonies

## Analogous

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



00C0F1



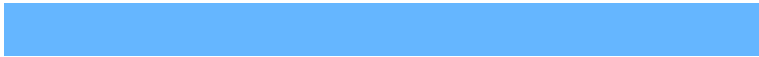
65B6FF



ABA8F8

# Triad

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



65B6FF



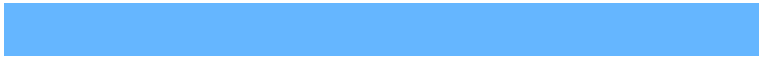
FC9290



78C081

# Complementary

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



65B6FF



FFAE65

# 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.



A7B866



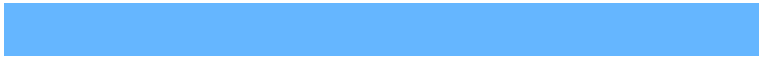
65B6FF



ED9E70

# Square

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



65B6FF



F791B8



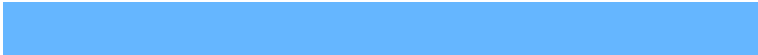
CFAC60



39C5A8

# Rectangle

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



65B6FF



CE9EE8



CFAC60

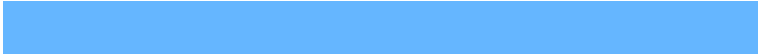


88BE76

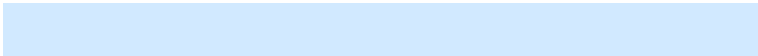


# Sweetspot

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



65B6FF



D1E9FF



65FFAD



637280



000000

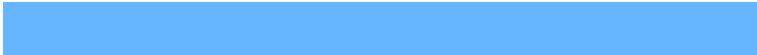


808080



# Same Dimension

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



65B6FF



47A8FF



656AFF



737980



0065BF



002240



# Inverse Universe

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



FF65B6



FF47A8



FFFA65



807379



BF0065

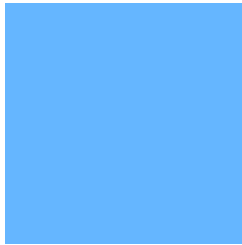


400022



# Previews

## White Background



This preview shows how the Hex color 65B6FF looks on a white background.

## Color Contrast Check

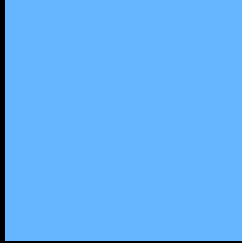
Large Text (above 18pt) WCAG AA × Fail

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 65B6FF 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

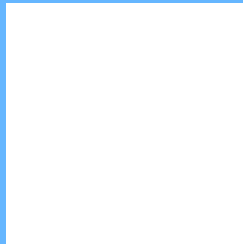
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65B6FF Background



This preview shows how black text looks on a background with the Hex color 65B6FF.



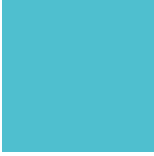
This preview shows how white text looks on a background with the Hex color 65B6FF.

# 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](#).

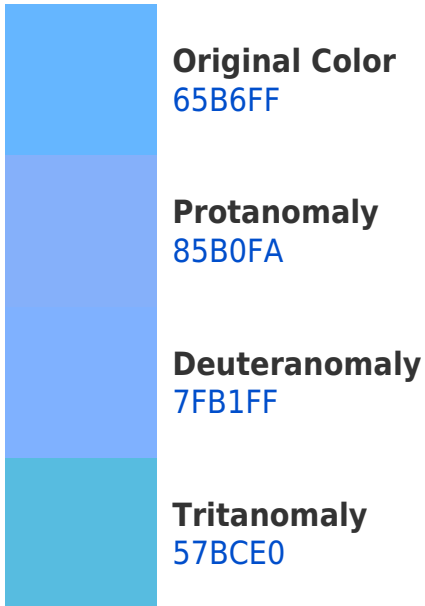
## Dichromacy



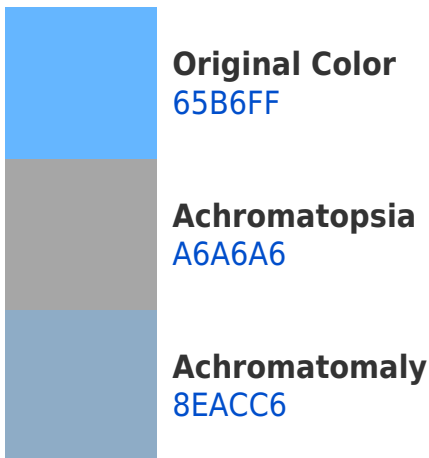


**Tritanopia**  
4FBFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65B6FF 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 #65B6FF looks like.

```
.text, #text, p{  
    color:#65B6FF  
}
```

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 #65B6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B6FF  
}
```

## Border

The CSS property to change the border of an element to Hex 65B6FF 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  
#65B6FF }
```

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

```
.border{ border-color:#65B6FF }
```

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

Here you see how a box with a 4 pixel #65B6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B6FF; -webkit-box-shadow:4px 4px  
4px 4px #65B6FF; box-shadow:4px 4px 4px  
4px #65B6FF }
```

# Background

The CSS property to change the background color of an element to Hex 65B6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B6FF }
```

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

```
.background{ background-color:#65B6FF }
```

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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