

Converting Colors

Hex(65B3FF)

Have a look what the booklet for
Hex(65B3FF) contains.

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Color

Hex(65B3FF)

Conversions

Conversions Part 1

Format	Color
Hex	65B3FF
RGB	101, 179, 255
RGB Percent	40%, 70%, 100%
CMY	0.6039, 0.2980, 0.0000
CMYK	0.60, 0.30, 0.00, 0.00
HSL	210°, 100%, 70%
HSV	210°, 60%, 100%
XYZ	39.5369, 42.2269, 100.6745
YIQ	164.3420, -70.8840, 7.1000

Conversions

Conversions Part 2

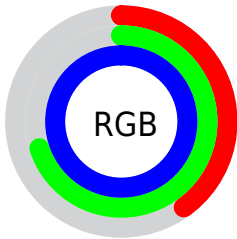
Format	Color
RYB	101, 153, 255
Decimal	6665215
CIELab	71.03, -1.87, -44.80
CIELCh	71, 44.835, 267.605
Yxy	42.2269, 0.2167, 0.2315
Android (android.graphics.Color)	4284855295 (0xFF65B3FF)
YUV	164.3420, 44.6944, -55.5509
Hunter-Lab	64.9822, -5.1147, -46.3682

Details

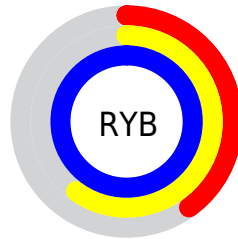
The Hex color **65B3FF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **FFB165**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A3EBFF**, and **137FC6** is the 20% darker color. If you saturate the color by 10%, you get **4BA6FF**, and if you desaturate by 10%, it is **7EC0FF**.

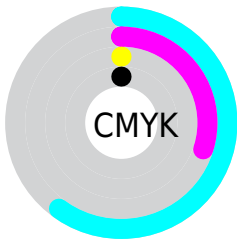
Distribution



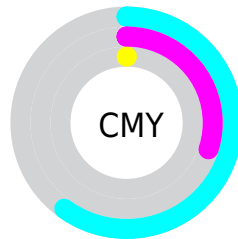
- Red (40%)
- Green (70%)
- Blue (100%)



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



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B3FF 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 65B3FF by changing the saturation by 10% instead.

 65B3FF

 65B3FF

FFFFFF

 4398E2

 A3EBFF

 137FC6

 C1FFFF

 0066AA

 DFFFFF

 004E8F

FEFFFF

 003875

 00235C

 000C44

 00032D

 000118

 65B3FF

 65B3FF

 4BA6FF

 7EC0FF

 329AFF

 98CCFF

 188DFF

 B2D9FF

 0081FF

 CBE5FF

 E4F2FF

FEFFFF

FFFFFF

Harmonies

Analogous

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



00BDF2



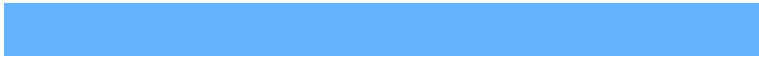
65B3FF



ADA4F6

Triad

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



65B3FF



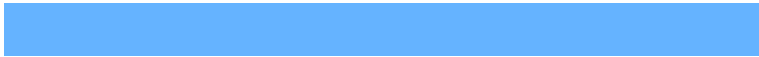
FB908A



6FBF81

Complementary

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



65B3FF



FFB165

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.



A1B763



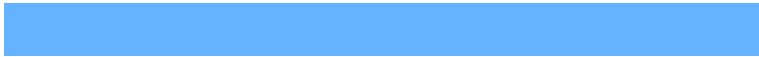
65B3FF



EA9C6A

Square

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



65B3FF



F88DB3



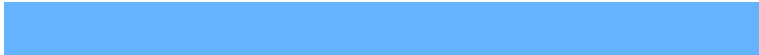
CAAA5B



25C3A9

Rectangle

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



65B3FF



D09AE5



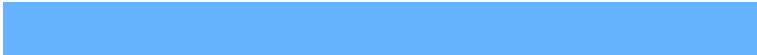
CAAA5B



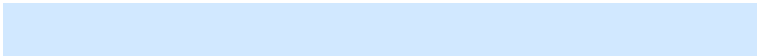
81BD75

Sweetspot

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



65B3FF



D1E8FF



65FFAF



637280



000000



808080

Same Dimension

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



65B3FF



47A4FF



6568FF



737980



0061BF



002040

Inverse Universe

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



FF65B3



FF47A4



FFFC65



807379



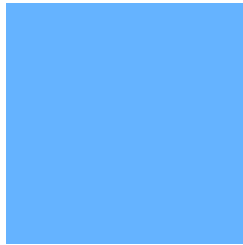
BF0061



400020

Previews

White Background



This preview shows how the Hex color 65B3FF looks on a white background.

Color Contrast Check

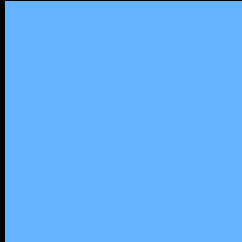
Large Text (above 18pt) WCAG AA × Fail

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 65B3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

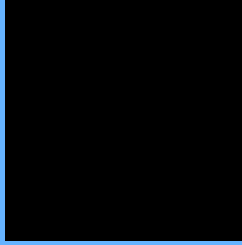
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

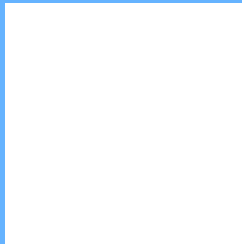
Any Text WCAG AAA ✓ Pass

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

Hex 65B3FF Background



This preview shows how black text looks on a background with the Hex color 65B3FF.

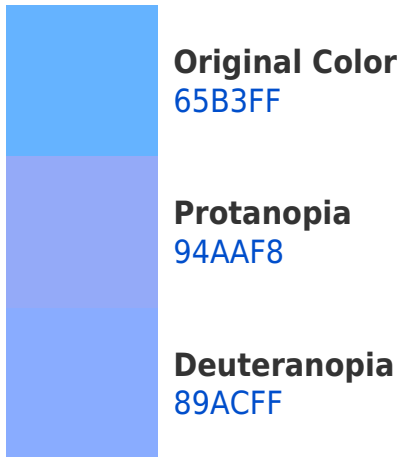


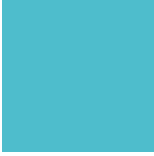
This preview shows how white text looks on a background with the Hex color 65B3FF.

Color Blindness Simulation

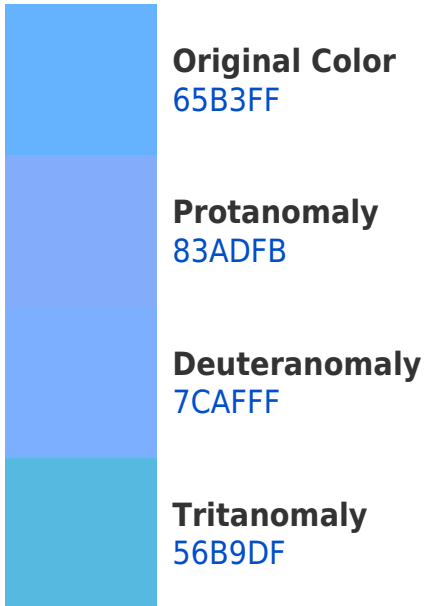
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

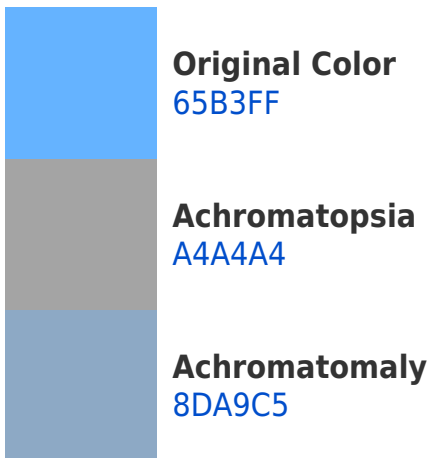




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B3FF 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 #65B3FF looks like.

```
.text, #text, p{  
    color:#65B3FF  
}
```

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 #65B3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B3FF
}
```

Border

The CSS property to change the border of an element to Hex 65B3FF 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
#65B3FF }
```

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

```
.border{ border-color:#65B3FF }
```

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

Here you see how a box with a 4 pixel #65B3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B3FF; -webkit-box-shadow:4px 4px  
4px 4px #65B3FF; box-shadow:4px 4px 4px  
4px #65B3FF }
```

Background

The CSS property to change the background color of an element to Hex 65B3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B3FF }
```

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

```
.background{ background-color:#65B3FF }
```

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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