

Converting Colors

Hex(65CAFF)

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

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Color

Hex(65CAFF)

Conversions

Conversions Part 1

Format	Color
Hex	65CAFF
RGB	101, 202, 255
RGB Percent	40%, 79%, 100%
CMY	0.6039, 0.2078, 0.0000
CMYK	0.60, 0.21, 0.00, 0.00
HSL	201°, 100%, 70%
HSV	201°, 60%, 100%
XYZ	44.5374, 52.2278, 102.3413
YIQ	177.8430, -77.2090, -4.9290

Conversions

Conversions Part 2

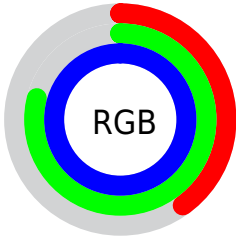
Format	Color
RYB	101, 162, 255
Decimal	6671103
CIELab	77.42, -14.30, -34.85
CIELCh	77, 37.668, 247.688
Yxy	52.2278, 0.2237, 0.2623
Android (android.graphics.Color)	4284861183 (0xFF65CAFF)
YUV	177.8430, 38.0384, -67.3913
Hunter-Lab	72.2688, -16.4655, -33.3737

Details

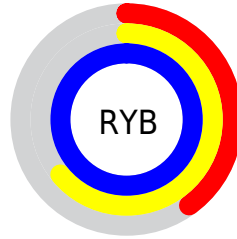
The Hex color **65CAFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9A65**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A3FFFF**, and **0E94C6** is the 20% darker color. If you saturate the color by 10%, you get **4BC1FF**, and if you desaturate by 10%, it is **7ED3FF**.

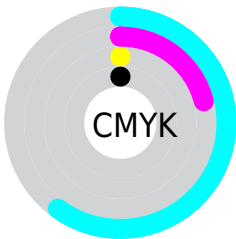
Distribution



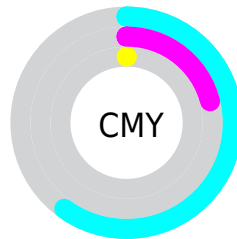
- Red (40%)
- Green (79%)
- Blue (100%)



- Red (40%)
- Yellow (64%)
- Blue (100%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 65CAFF

 65CAFF

FFFFFF

 43AFE2

 A3FFFF

 0E94C6

 C2FFFF

 007AAB

 E0FFFF

 006190

 004A76

 00335D

 001F45

 00042F

 000119

 65CAFF

 65CAFF

 4BC1FF

 7ED3FF

 32B8FF

 98DCFF

 18B0FF

 B2E4FF

 00A7FF

 CBEDFF

 E4F6FF

FEFFFF

FFFFFF

Harmonies

Analogous

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



40D0E9



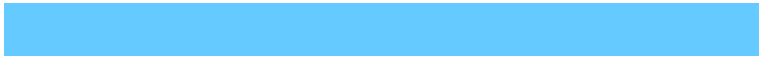
65CAFF



9DC0FF

Triad

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



65CAFF



FFA4B7



A8CA87

Complementary

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



65CAFF



FF9A65

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.



CEC079



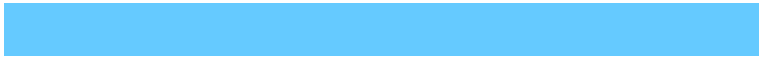
65CAFF



FFA996

Square

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



65CAFF



F3A8DB



EDB47F



7ED0A4

Rectangle

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



65CAFF



C0B7FD



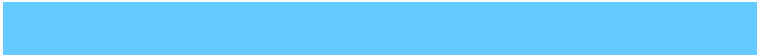
EDB47F



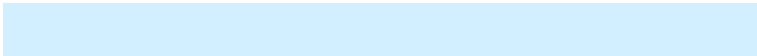
B5C780

Sweetspot

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



65CAFF



D1EFFF



65FF98



637680



000000



808080

Same Dimension

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



65CAFF



47C0FF



657FFF



737B80



007DBF



002A40

Inverse Universe

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



FF65CA



FF47C0



FFE565



80737B



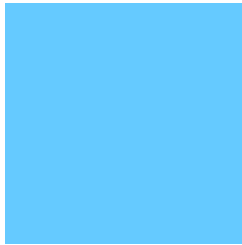
BF007D



40002A

Previews

White Background



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

Color Contrast Check

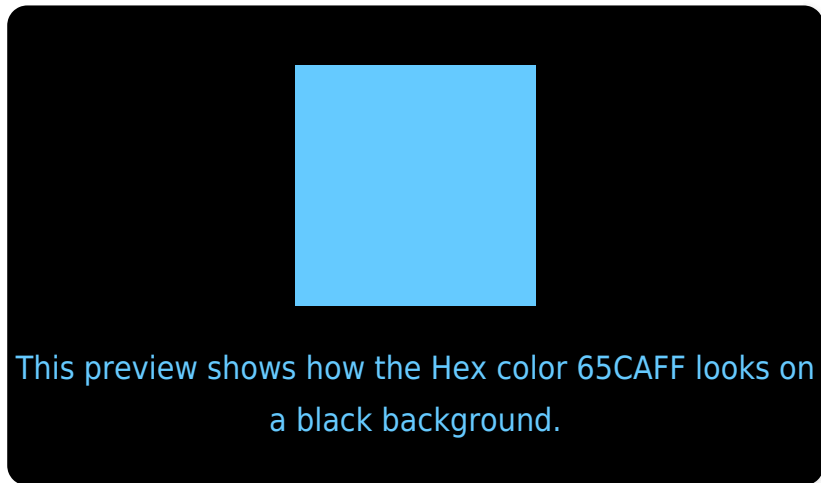
Large Text (above 18pt) WCAG AA × Fail

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

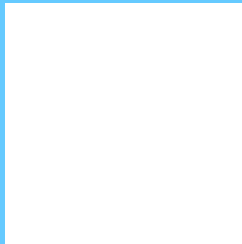
Any Text WCAG AAA ✓ Pass

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

Hex 65CAFF Background



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

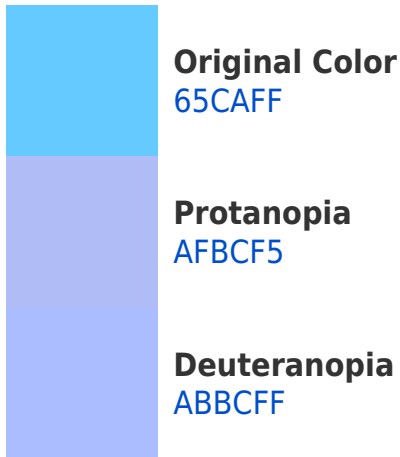


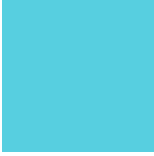
This preview shows how white text looks on a background with the Hex color 65CAFF.

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](#).

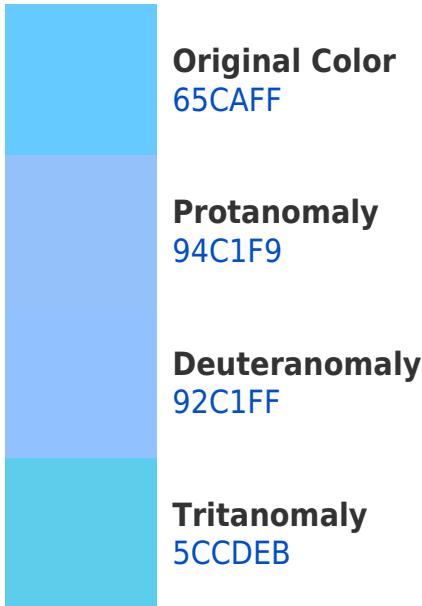
Dichromacy



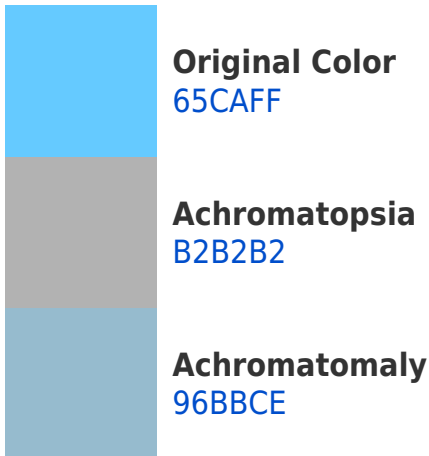


Tritanopia
57CFE0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #65CAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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