

Converting Colors

Hex(65C0E9)

Have a look what the booklet for
Hex(65C0E9) contains.

Hex(65C0E9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(65C0E9)

Conversions

Conversions Part 1

Format	Color
Hex	65C0E9
RGB	101, 192, 233
RGB Percent	40%, 75%, 91%
CMY	0.6039, 0.2471, 0.0863
CMYK	0.57, 0.18, 0.00, 0.09
HSL	199°, 75%, 65%
HSV	199°, 57%, 91%
XYZ	38.9244, 46.3492, 83.9855
YIQ	169.4650, -67.3970, -6.5410

Conversions

Conversions Part 2

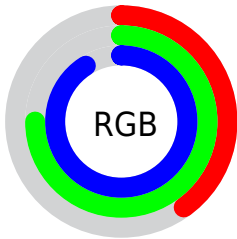
Format	Color
RYB	101, 155, 233
Decimal	6668521
CIELab	73.77, -15.64, -28.64
CIElCh	74, 32.633, 241.361
Yxy	46.3492, 0.2300, 0.2738
Android (android.graphics.Color)	4284858601 (0xFF65C0E9)
YUV	169.4650, 31.3228, -60.0438
Hunter-Lab	68.0802, -17.0841, -25.4855

Details

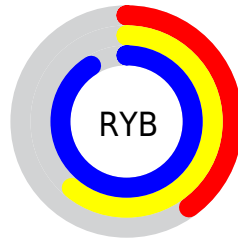
The Hex color **65C0E9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E98E65**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A1F8FF**, and **1D8AB1** is the 20% darker color. If you saturate the color by 10%, you get **4EB9E9**, and if you desaturate by 10%, it is **7CC7E9**.

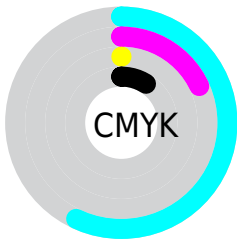
Distribution



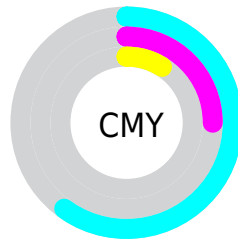
- Red (40%)
- Green (75%)
- Blue (91%)



- Red (40%)
- Yellow (61%)
- Blue (91%)



- Cyan (57%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C0E9 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 65C0E9 by changing the saturation by 10% instead.

 65C0E9

 65C0E9

FFFFFF

 45A5CD

 A1F8FF

 1D8AB1

 BEFFFF

 007196

 DCFFFF


 00587C

 FAFFFF

 004163

 002B4B

 001834

 00021F

 000002

■ 65C0E9

■ 65C0E9

■ 4EB9E9

■ 7CC7E9

■ 36B2E9

■ 94CEE9

■ 1FAAE9

■ ABD6E9

■ 08A3E9

■ C2DDE9

■ 00A1E9

■ DAE4E9

■ F1EBE9

■ FFF3E9

■ FFFAE9

■ FFFF E9

Harmonies

Analogous

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



52C5D3



65C0E9



90B8F1

Triad

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



65C0E9



EF9FB5



A9BD81

Complementary

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



65C0E9



E98E65

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.



C9B479



65C0E9



F0A198

Square

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



65C0E9



DDA3D2



E2AA82



86C398

Rectangle

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



65C0E9



ADB1ED



E2AA82



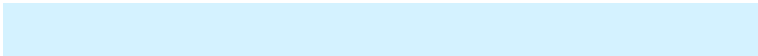
B4BA7D

Sweetspot

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



65C0E9



D4F2FF



65E98D



667880



000000



808080

Same Dimension

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



65C0E9



52C9FF



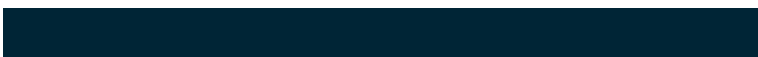
657FE9



6A7275



007DB5



002536

Inverse Universe

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



E965C0



FF52C9



E9CF65



756A72



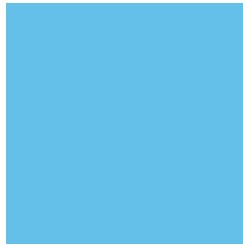
B5007D



360025

Previews

White Background



This preview shows how the Hex color 65C0E9 looks on a white background.

Color Contrast Check

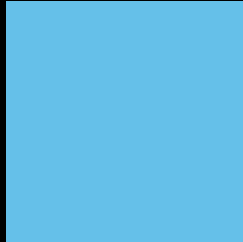
Large Text (above 18pt) WCAG AA × Fail

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 65C0E9 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 65C0E9 Background



This preview shows how black text looks on a background with the Hex color 65C0E9.

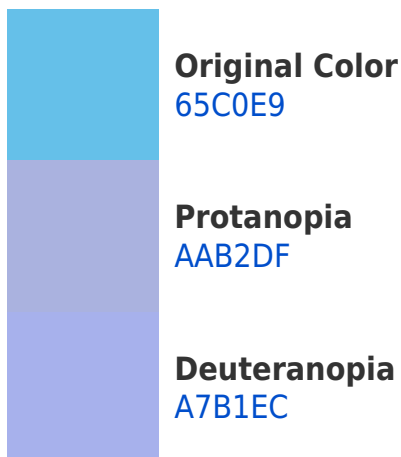


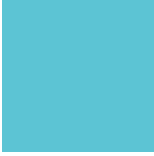
This preview shows how white text looks on a background with the Hex color 65C0E9.

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](#).

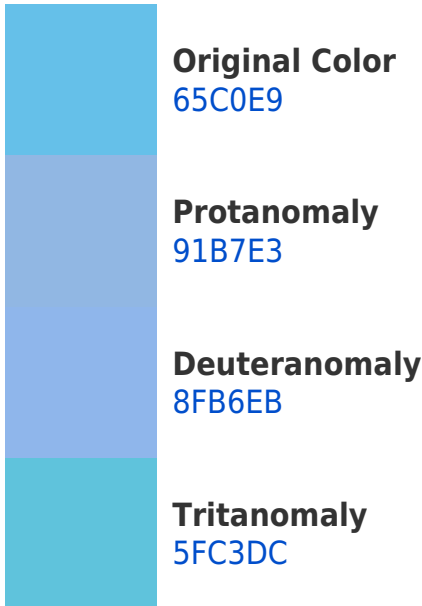
Dichromacy



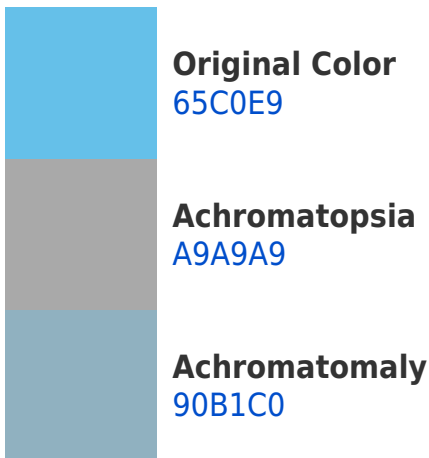


Tritanopia
5CC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65C0E9 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 #65C0E9 looks like.

```
.text, #text, p{  
    color:#65C0E9  
}
```

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 #65C0E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C0E9
}
```

Border

The CSS property to change the border of an element to Hex 65C0E9 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
#65C0E9 }
```

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

```
.border{ border-color:#65C0E9 }
```

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

Here you see how a box with a 4 pixel #65C0E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C0E9; -webkit-box-shadow:4px 4px  
4px 4px #65C0E9; box-shadow:4px 4px 4px  
4px #65C0E9 }
```

Background

The CSS property to change the background color of an element to Hex 65C0E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C0E9 }
```

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

```
.background{ background-color:#65C0E9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor