

Converting Colors

Hex(64C0ED)

Have a look what the booklet for
Hex(64C0ED) contains.

Hex(64C0ED)	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(64C0ED)

Conversions

Conversions Part 1

Format	Color
Hex	64C0ED
RGB	100, 192, 237
RGB Percent	39%, 75%, 93%
CMY	0.6078, 0.2471, 0.0706
CMYK	0.58, 0.19, 0.00, 0.07
HSL	200°, 79%, 66%
HSV	200°, 58%, 93%
XYZ	39.3912, 46.5230, 87.0245
YIQ	169.6220, -69.2770, -5.5090

Conversions

Conversions Part 2

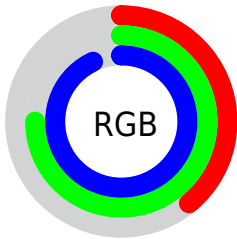
Format	Color
RYB	100, 155, 237
Decimal	6602989
CIELab	73.88, -14.65, -30.63
CIELCh	74, 33.955, 244.448
Yxy	46.5230, 0.2278, 0.2690
Android (android.graphics.Color)	4284793069 (0xFF64C0ED)
YUV	169.6220, 33.2174, -61.0585
Hunter-Lab	68.2078, -16.2767, -27.9011

Details

The Hex color **64C0ED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **ED9164**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A0F8FF**, and **198BB5** is the 20% darker color. If you saturate the color by 10%, you get **4CB8ED**, and if you desaturate by 10%, it is **7CC8ED**.

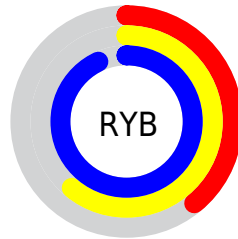
Distribution



Red (39%)

Green (75%)

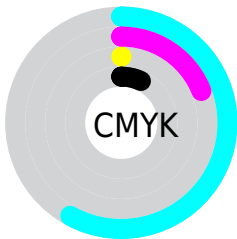
Blue (93%)



Red (39%)

Yellow (61%)

Blue (93%)

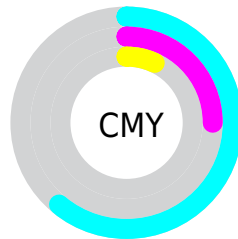


Cyan (58%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (61%)

Magenta (25%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C0ED 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 64C0ED by changing the saturation by 10% instead.

 64C0ED

 64C0ED

FFFFFF

 44A5D1

 A0F8FF

 198BB5

 BEFFFF

 00719A

 DCFFFF

 005980

 FAFFFF

 004167

 002B4E

 001837

 000221

 000007

■ 64C0ED

■ 64C0ED

■ 4CB8ED

■ 7CC8ED

■ 35B0ED

■ 93D0ED

■ 1DA9ED

■ ABD7ED

■ 05A1ED

■ C3DFED

■ 009FED

■ DAE7ED

■ F2EFED

■ FFF6ED

■ FFFEED

■ FFFFED

Harmonies

Analogous

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



4BC5D8



64C0ED



93B7F3

Triad

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



64C0ED



F29EB2



A5BE81

Complementary

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



64C0ED



ED9164

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.



C7B577



64C0ED



F1A194

Square

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



64C0ED



E1A2D1



E1AB7E



80C49A

Rectangle

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



64C0ED



B2B0EE



E1AB7E



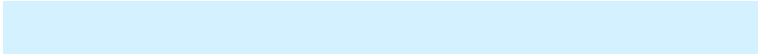
B1BC7C

Sweetspot

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



64C0ED



D4F1FF



64ED8F



667780



000000



808080

Same Dimension

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



64C0ED



4FC5FF



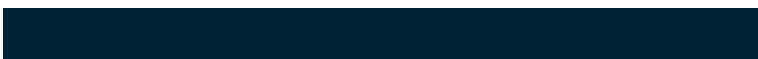
647DED



6A7175



007AB5



002436

Inverse Universe

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



ED64C0



FF4FC5



EDD464



756A71



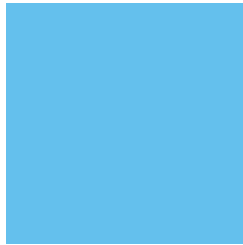
B5007A



360024

Previews

White Background



This preview shows how the Hex color 64C0ED looks on a white background.

Color Contrast Check

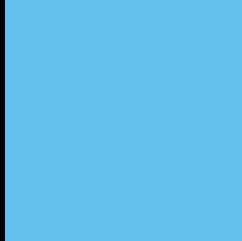
Large Text (above 18pt) WCAG AA × Fail

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 64C0ED 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

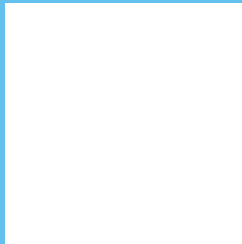
Any Text WCAG AAA ✓ Pass

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

Hex 64C0ED Background



This preview shows how black text looks on a background with the Hex color 64C0ED.

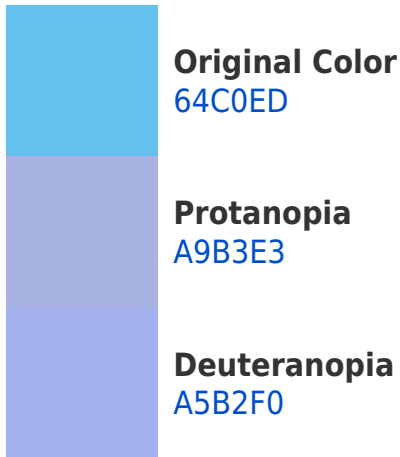


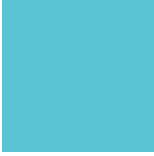
This preview shows how white text looks on a background with the Hex color 64C0ED.

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](#).

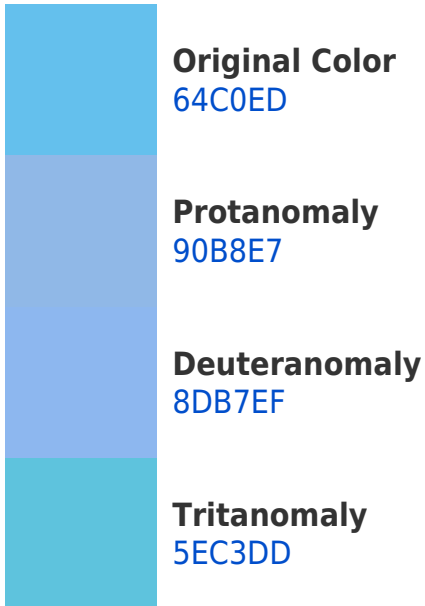
Dichromacy



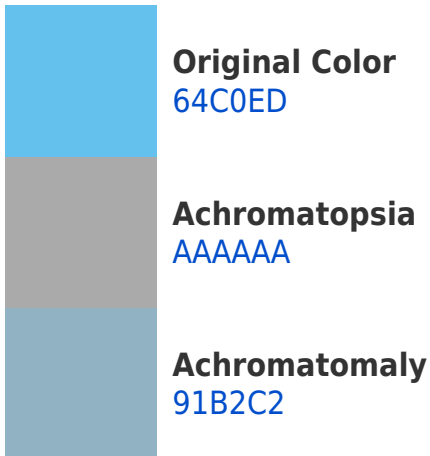


Tritanopia
5AC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64C0ED 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 #64C0ED looks like.

```
.text, #text, p{  
    color:#64C0ED  
}
```

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 #64C0ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C0ED
}
```

Border

The CSS property to change the border of an element to Hex 64C0ED 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
#64C0ED }
```

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

```
.border{ border-color:#64C0ED }
```

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

Here you see how a box with a 4 pixel #64C0ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C0ED; -webkit-box-shadow:4px 4px  
4px 4px #64C0ED; box-shadow:4px 4px 4px  
4px #64C0ED }
```

Background

The CSS property to change the background color of an element to Hex 64C0ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C0ED }
```

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

```
.background{ background-color:#64C0ED }
```

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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