

Converting Colors

Hex(68C9ED)

Have a look what the booklet for
Hex(68C9ED) contains.

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Color

Hex(68C9ED)

Conversions

Conversions Part 1

Format	Color
Hex	68C9ED
RGB	104, 201, 237
RGB Percent	41%, 79%, 93%
CMY	0.5922, 0.2118, 0.0706
CMYK	0.56, 0.15, 0.00, 0.07
HSL	196°, 79%, 67%
HSV	196°, 56%, 93%
XYZ	41.8816, 50.8308, 87.7247
YIQ	176.1010, -69.3680, -9.3680

Conversions

Conversions Part 2

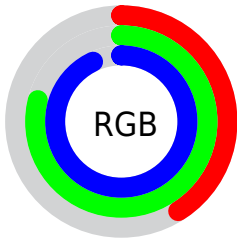
Format	Color
RYB	104, 160, 237
Decimal	6867437
CIELab	76.58, -18.56, -26.49
CIElCh	77, 32.341, 234.986
Yxy	50.8308, 0.2321, 0.2817
Android (android.graphics.Color)	4285057517 (0xFF68C9ED)
YUV	176.1010, 30.0232, -63.2326
Hunter-Lab	71.2957, -19.9102, -23.0455

Details

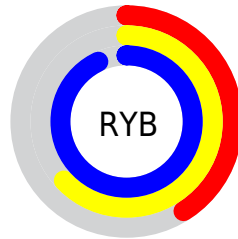
The Hex color **68C9ED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **ED8C68**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A4FFFF**, and **2193B5** is the 20% darker color. If you saturate the color by 10%, you get **50C3ED**, and if you desaturate by 10%, it is **80CFED**.

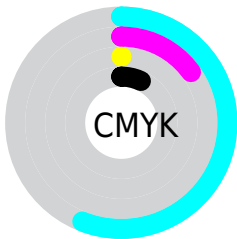
Distribution



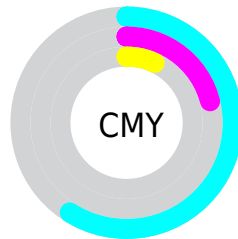
- Red (41%)
- Green (79%)
- Blue (93%)



- Red (41%)
- Yellow (63%)
- Blue (93%)



- Cyan (56%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (59%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C9ED 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 68C9ED by changing the saturation by 10% instead.

 68C9ED

 68C9ED

FFFFFF

 48AED1

 A4FFFF

 2193B5

 C2FFFF

 00799A

 E0FFFF

 006080

FEFFFF

 004867

 00324F

 001E38

 000222

 000008

■ 68C9ED

■ 68C9ED

■ 50C3ED

■ 80CFED

■ 39BCED

■ 97D6ED

■ 21B6ED

■ AFDCED

■ 09AFED

■ C7E3ED

■ 00ADED

■ DEE9ED

■ F6EFED

■ FFF6ED

■ FFFCED

■ FFFFED

Harmonies

Analogous

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



5ECDD5



68C9ED



8EC1F8

Triad

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



68C9ED



F4A7C3



B8C386

Complementary

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



68C9ED



ED8C68

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.



D7B981



68C9ED



F9A8A5

Square

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



68C9ED



DEADE0



ECAF8D



95CA9A

Rectangle

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



68C9ED



ACBBF6



EAAF8D



C3C083

Sweetspot

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



68C9ED



D4F3FF



68ED8B



667980



000000



808080

Same Dimension

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



68C9ED



54D1FF



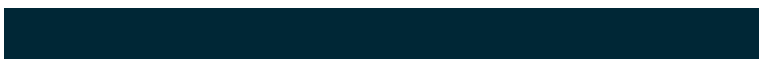
6887ED



6A7275



0084B5



002736

Inverse Universe

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



ED68C9



FF54D1



EDCE68



756A72



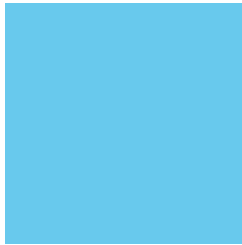
B50084



360027

Previews

White Background



This preview shows how the Hex color 68C9ED looks on a white background.

Color Contrast Check

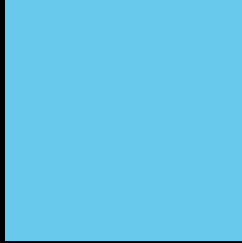
Large Text (above 18pt) WCAG AA × Fail

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 68C9ED 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 68C9ED Background



This preview shows how black text looks on a background with the Hex color 68C9ED.

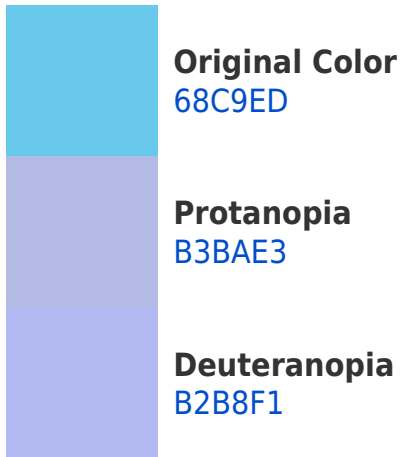


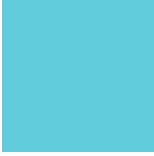
This preview shows how white text looks on a background with the Hex color 68C9ED.

Color Blindness Simulation

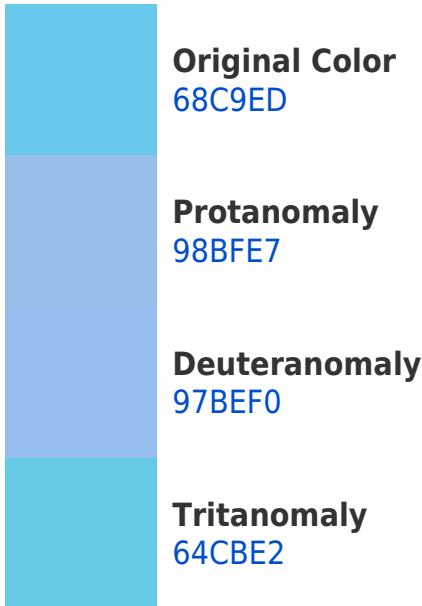
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

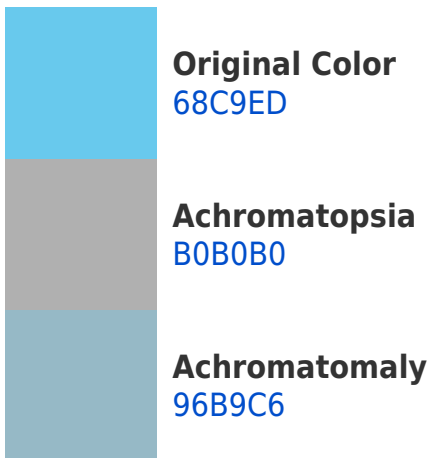




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68C9ED 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 #68C9ED looks like.

```
.text, #text, p{  
    color:#68C9ED  
}
```

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 #68C9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C9ED
}
```

Border

The CSS property to change the border of an element to Hex 68C9ED 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
#68C9ED }
```

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

```
.border{ border-color:#68C9ED }
```

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

Here you see how a box with a 4 pixel #68C9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C9ED; -webkit-box-shadow:4px 4px  
4px 4px #68C9ED; box-shadow:4px 4px 4px  
4px #68C9ED }
```

Background

The CSS property to change the background color of an element to Hex 68C9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C9ED }
```

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

```
.background{ background-color:#68C9ED }
```

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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