

Converting Colors

Hex(68C2EB)

Have a look what the booklet for
Hex(68C2EB) contains.

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Color

Hex(68C2EB)

Conversions

Conversions Part 1

Format	Color
Hex	68C2EB
RGB	104, 194, 235
RGB Percent	41%, 76%, 92%
CMY	0.5922, 0.2392, 0.0784
CMYK	0.56, 0.17, 0.00, 0.08
HSL	199°, 77%, 66%
HSV	199°, 56%, 92%
XYZ	39.9961, 47.5248, 85.6624
YIQ	171.7640, -66.8010, -6.3290

Conversions

Conversions Part 2

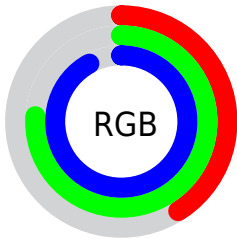
Format	Color
RYB	104, 157, 235
Decimal	6865643
CIELab	74.52, -15.51, -28.56
CIELCh	75, 32.495, 241.494
Yxy	47.5248, 0.2309, 0.2744
Android (android.graphics.Color)	4285055723 (0xFF68C2EB)
YUV	171.7640, 31.1753, -59.4290
Hunter-Lab	68.9382, -17.0810, -25.4168

Details

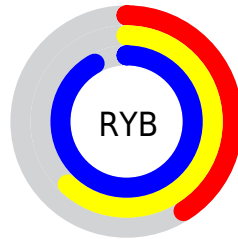
The Hex color **68C2EB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9168**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A4FBFF**, and **228CB3** is the 20% darker color. If you saturate the color by 10%, you get **51BBEB**, and if you desaturate by 10%, it is **7FC9EB**.

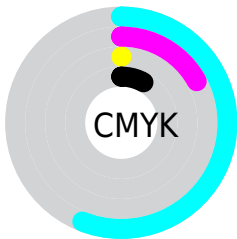
Distribution



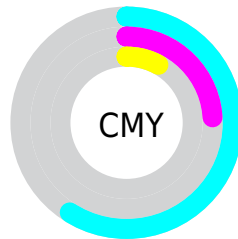
- Red (41%)
- Green (76%)
- Blue (92%)



- Red (41%)
- Yellow (62%)
- Blue (92%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (59%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C2EB 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 68C2EB by changing the saturation by 10% instead.

 68C2EB

 68C2EB

FFFFFF

 49A7CF

 A4FBFF

 228CB3

 C1FFFF

 007398

 DFFFFF

 005A7E

FDFFFF

 004365

 002C4D

 001936

 000220

 000005

68C2EB

68C2EB

51BBEB

7FC9EB

39B3EB

97D1EB

21ACEB

AFD8EB

0AA5EB

C6DFEB

00A1EB

DDE7EB

F5EEEB

FFF5EB

FFFDEB

FFFFEB

Harmonies

Analogous

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



55C7D5



68C2EB



92BAF3

Triad

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



68C2EB



F1A1B7



ABBF84

Complementary

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



68C2EB



EB9168

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.



CBB67B



68C2EB



F2A49A

Square

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



68C2EB



DFA6D4



E4AC84



88C59A

Rectangle

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



68C2EB



B0B3EF



E4AC84



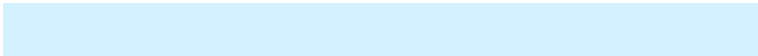
B6BC7F

Sweetspot

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



68C2EB



D4F1FF



68EB8F



667880



000000



808080

Same Dimension

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



68C2EB



54CAFF



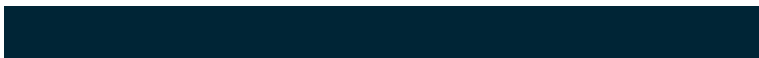
6882EB



6A7275



007CB5



002536

Inverse Universe

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



EB68C2



FF54CA



EBD168



756A72



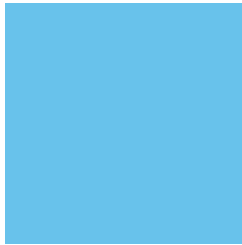
B5007C



360025

Previews

White Background



This preview shows how the Hex color 68C2EB looks on a white background.

Color Contrast Check

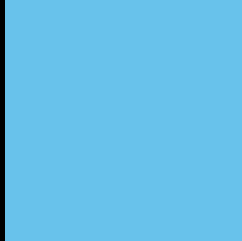
Large Text (above 18pt) WCAG AA × Fail

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 68C2EB 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 68C2EB Background



This preview shows how black text looks on a background with the Hex color 68C2EB.

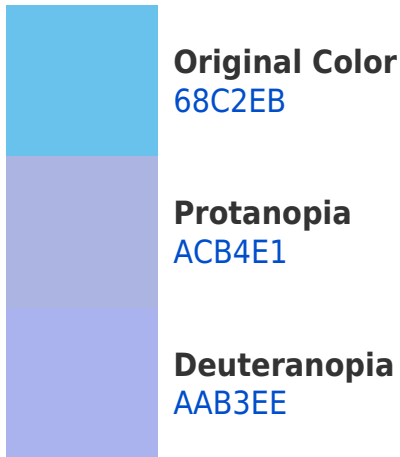


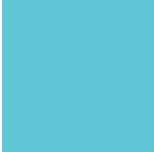
This preview shows how white text looks on a background with the Hex color 68C2EB.

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](#).

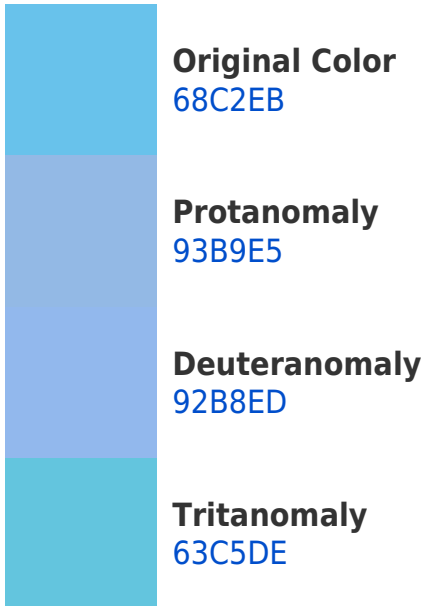
Dichromacy



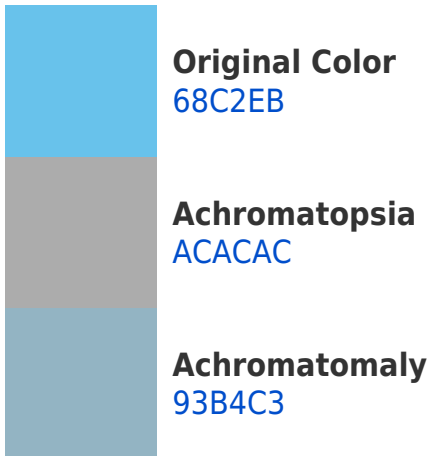


Tritanopia
60C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68C2EB 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 #68C2EB looks like.

```
.text, #text, p{  
    color:#68C2EB  
}
```

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 #68C2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C2EB
}
```

Border

The CSS property to change the border of an element to Hex 68C2EB 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
#68C2EB }
```

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

```
.border{ border-color:#68C2EB }
```

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

Here you see how a box with a 4 pixel #68C2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C2EB; -webkit-box-shadow:4px 4px  
4px 4px #68C2EB; box-shadow:4px 4px 4px  
4px #68C2EB }
```

Background

The CSS property to change the background color of an element to Hex 68C2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C2EB }
```

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

```
.background{ background-color:#68C2EB }
```

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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