

# Converting Colors

Hex(68BCE0)

Have a look what the booklet for  
Hex(68BCE0) contains.

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# **Color**

**Hex(68BCE0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68BCE0
RGB	104, 188, 224
RGB Percent	41%, 74%, 88%
CMY	0.5922, 0.2627, 0.1216
CMYK	0.54, 0.16, 0.00, 0.12
HSL	198°, 66%, 64%
HSV	198°, 54%, 88%
XYZ	37.1467, 44.2913, 77.1122
YIQ	166.9880, -61.6200, -6.6120

# Conversions

## Conversions Part 2

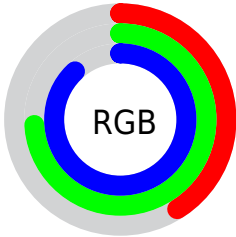
Format	Color
<a href="#">RYB</a>	<a href="#">104, 153, 224</a>
Decimal	<a href="#">6864096</a>
<a href="#">CIELab</a>	<a href="#">72.42, -15.57, -25.82</a>
<a href="#">CIELCh</a>	<a href="#">72, 30.150, 238.911</a>
<a href="#">Yxy</a>	<a href="#">44.2913, 0.2343, 0.2794</a>
Android (android.graphics.Color)	<a href="#">4285054176</a> ( <a href="#">0xFF68BCE0</a> )
<a href="#">YUV</a>	<a href="#">166.9880, 28.1069, -55.2405</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.5517, -16.8335, -22.1120</a>

# Details

The Hex color **68BCE0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E08C68**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A2F4FF**, and **2787A9** is the 20% darker color. If you saturate the color by 10%, you get **52B5E0**, and if you desaturate by 10%, it is **7EC3E0**.

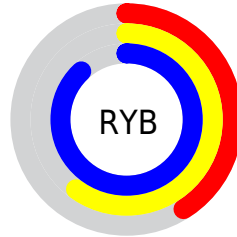
# Distribution



Red (41%)

Green (74%)

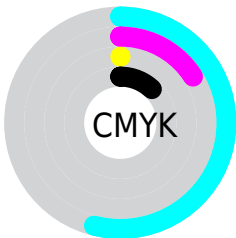
Blue (88%)



Red (41%)

Yellow (60%)

Blue (88%)

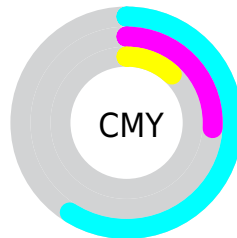


Cyan (54%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (59%)

Magenta (26%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68BCE0 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 68BCE0 by changing the saturation by 10% instead.



 68BCE0

 68BCE0

FFFFFF

 4AA1C4

 A2F4FF

 2787A9

 C0FFFF

 006D8E

 DDFFFF

 005574

 FBFFFF

 003E5C

 002844

 00122E

 000119

 000000

68BCE0

68BCE0

52B5E0

7EC3E0

3BAFE0

95C9E0

25A8E0

ABD0E0

0EA1E0

C2D7E0

009DE0

D8DEE0

EEE4E0

FFEBE0

FFF2E0

FFF8E0

# Harmonies

## Analogous

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



5AC0CB



68BCE0



8CB4E8

# Triad

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



68BCE0



E69DB4



A9B881

# Complementary

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



68BCE0



E08C68

# 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.



C6B07B



68BCE0



E89F98

# Square

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



68BCE0



D4A2CF



DDA683



89BE94

# Rectangle

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



68BCE0



A7AEE6



DDA683



B3B57D

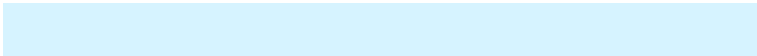


# Sweetspot

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



68BCE0



D6F3FF



68E08C



677880



000000



808080



# Same Dimension

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



68BCE0



5CCEFF



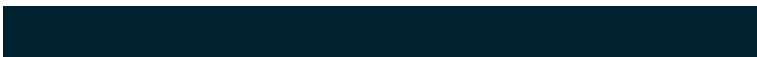
6880E0



656D70



007BB0



002230



# Inverse Universe

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



E068BC



FF5CCE



E0C868



70656D



B0007B

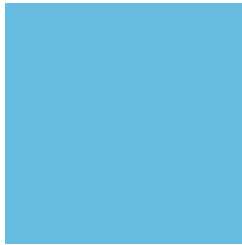


300022



# Previews

## White Background



This preview shows how the Hex color 68BCE0 looks on a white background.

## Color Contrast Check

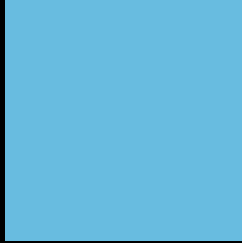
Large Text (above 18pt) WCAG AA × Fail

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 68BCE0 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 68BCE0 Background



This preview shows how black text looks on a background with the Hex color 68BCE0.

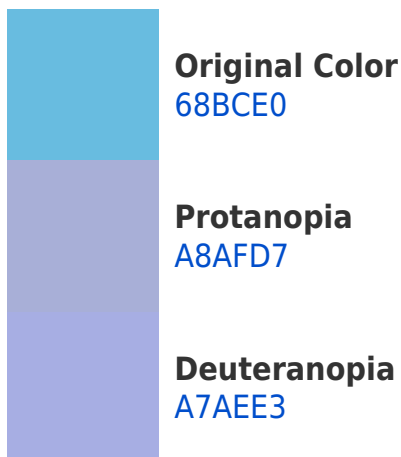


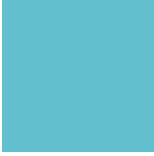
This preview shows how white text looks on a background with the Hex color 68BCE0.

# 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](#).

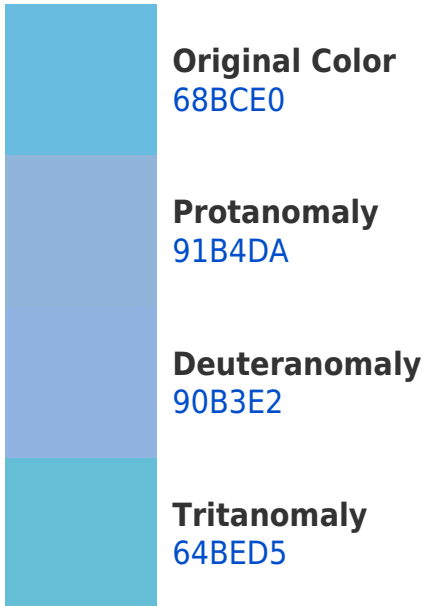
## Dichromacy



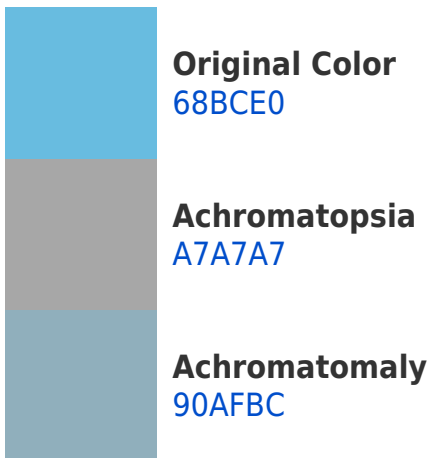


**Tritanopia**  
62BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68BCE0 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 #68BCE0 looks like.

```
.text, #text, p{  
    color:#68BCE0  
}
```

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 #68BCE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BCE0  
}
```

## Border

The CSS property to change the border of an element to Hex 68BCE0 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  
#68BCE0 }
```

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

```
.border{ border-color:#68BCE0 }
```

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

Here you see how a box with a 4 pixel #68BCE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BCE0; -webkit-box-shadow:4px 4px  
4px 4px #68BCE0; box-shadow:4px 4px 4px  
4px #68BCE0 }
```

# Background

The CSS property to change the background color of an element to Hex 68BCE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BCE0 }
```

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

```
.background{ background-color:#68BCE0 }
```

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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