

# Converting Colors

Hex(6CBCE0)

Have a look what the booklet for  
Hex(6CBCE0) contains.

<b>Hex(6CBCE0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6CBCE0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6CBCE0
RGB	108, 188, 224
RGB Percent	42%, 74%, 88%
CMY	0.5765, 0.2627, 0.1216
CMYK	0.52, 0.16, 0.00, 0.12
HSL	199°, 65%, 65%
HSV	199°, 52%, 88%
XYZ	37.6221, 44.5364, 77.1345
YIQ	168.1840, -59.2360, -5.7640

# Conversions

## Conversions Part 2

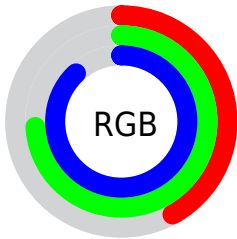
Format	Color
<a href="#">RYB</a>	108, 155, 224
Decimal	7126240
CIELab	72.59, -14.72, -25.56
CIElCh	73, 29.491, 240.063
Yxy	44.5364, 0.2362, 0.2796
Android (android.graphics.Color)	4285316320 (0xFF6CBCE0)
YUV	168.1840, 27.5173, -52.7814
Hunter-Lab	66.7356, -16.1582, -21.8138

# Details

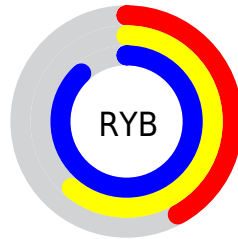
The Hex color **6CBCE0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E0906C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A6F4FF**, and **2D87A9** is the 20% darker color. If you saturate the color by 10%, you get **56B5E0**, and if you desaturate by 10%, it is **82C3E0**.

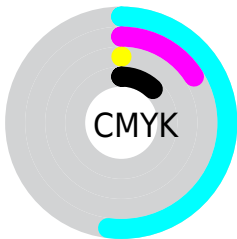
# Distribution



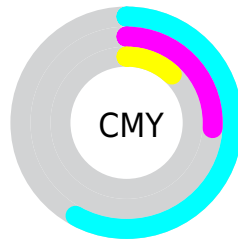
- Red (42%)
- Green (74%)
- Blue (88%)



- Red (42%)
- Yellow (61%)
- Blue (88%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (26%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CBCE0 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 6CBCE0 by changing the saturation by 10% instead.



 6CBCE0

 6CBCE0

FFFFFF

 4EA1C4


 A6F4FF

 2D87A9

 C3FFFF

 006D8E

 E1FFFF

 005574

 003E5C

 002844

 00132E

 000119

 000000

6CBCE0

6CBCE0

56B5E0

82C3E0

3FAEE0

99CAE0

29A7E0

AFD1E0

12A0E0

C6D8E0

009AE0

DCDFE0

F2E6E0

FFEDE0

FFF4E0

FFFBEO

# Harmonies

## Analogous

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



5EC0CC



6CBCE0



90B5E8

# Triad

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



6CBCE0



E69EB3



A9B983

# Complementary

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



6CBCE0



E0906C

# 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.



C5B07C



6CBCE0



E7A098

# Square

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



6CBCE0



D5A3CD



DCA784



89BE96

# Rectangle

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



6CBCE0



AAAE5



DCA784



B3B67F

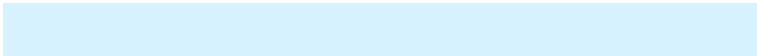


# Sweetspot

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



6CBCE0



D6F2FF



6CE08F



677880



000000



808080



# Same Dimension

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



6CBCE0



61CEFF



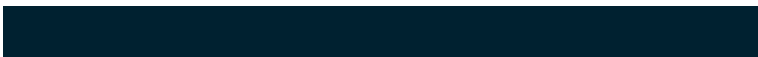
6C83E0



656D70



0079B0



002130



# Inverse Universe

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



E06CBC



FF61CE



E0C96C



70656D



B00079



300021



# Previews

## White Background



This preview shows how the Hex color 6CBCE0 looks on a white background.

## Color Contrast Check

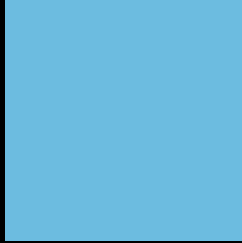
Large Text (above 18pt) WCAG AA × Fail

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 6CBCE0 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 6CBCE0 Background



This preview shows how black text looks on a background with the Hex color 6CBCE0.

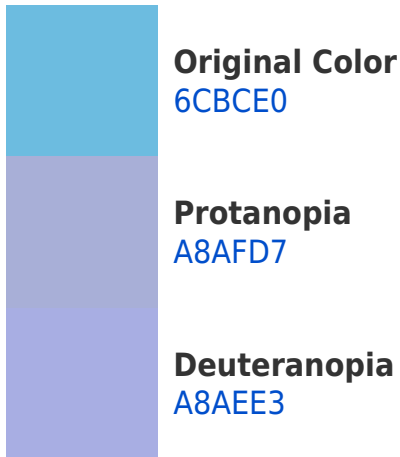


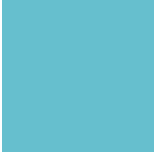
This preview shows how white text looks on a background with the Hex color 6CBCE0.

# 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](#).

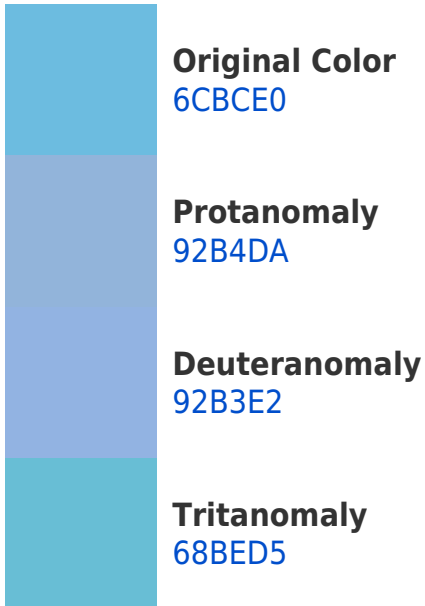
## Dichromacy



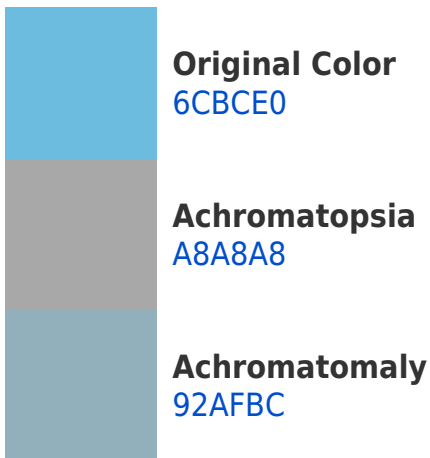


**Tritanopia**  
66BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CBCE0 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 #6CBCE0 looks like.

```
.text, #text, p{  
    color:#6CBCE0  
}
```

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 #6CBCE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBCE0  
}
```

## Border

The CSS property to change the border of an element to Hex 6CBCE0 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  
#6CBCE0 }
```

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

```
.border{ border-color:#6CBCE0 }
```

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

Here you see how a box with a 4 pixel #6CBCE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBCE0; -webkit-box-shadow:4px 4px  
4px 4px #6CBCE0; box-shadow:4px 4px 4px  
4px #6CBCE0 }
```

# Background

The CSS property to change the background color of an element to Hex 6CBCE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBCE0 }
```

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

```
.background{ background-color:#6CBCE0 }
```

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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