

# Converting Colors

Hex(6ECBE4)

Have a look what the booklet for  
Hex(6ECBE4) contains.

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# **Color**

**Hex(6ECBE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ECBE4
RGB	110, 203, 228
RGB Percent	43%, 80%, 89%
CMY	0.5686, 0.2039, 0.1059
CMYK	0.52, 0.11, 0.00, 0.11
HSL	193°, 69%, 66%
HSV	193°, 52%, 89%
XYZ	41.7899, 51.6283, 81.1615
YIQ	178.0430, -63.4530, -11.9410

# Conversions

## Conversions Part 2

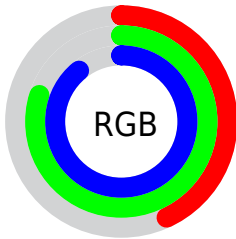
Format	Color
R <sub>YB</sub>	110, 162, 228
Decimal	7261156
CIE <sub>Lab</sub>	77.06, -20.91, -20.89
CIE <sub>LCh</sub>	77, 29.561, 224.979
Y <sub>xy</sub>	51.6283, 0.2394, 0.2957
Android (android.graphics.Color)	4285451236 (0xFF6ECBE4)
YUV	178.0430, 24.6288, -59.6737
Hunter-Lab	71.8528, -21.9261, -16.6741

# Details

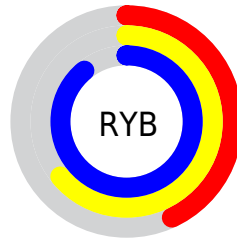
The Hex color **6ECBE4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E4876E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A9FFFF**, and **2E95AD** is the 20% darker color. If you saturate the color by 10%, you get **57C6E4**, and if you desaturate by 10%, it is **85D0E4**.

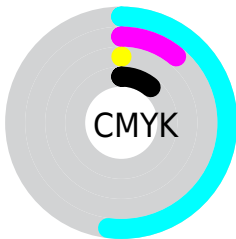
# Distribution



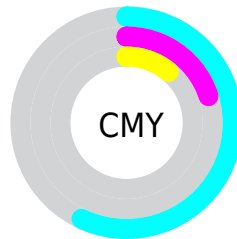
- Red (43%)
- Green (80%)
- Blue (89%)



- Red (43%)
- Yellow (64%)
- Blue (89%)



- Cyan (52%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (20%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ECBE4 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 6ECBE4 by changing the saturation by 10% instead.



 6ECBE4

 6ECBE4

FFFFFF

 50AFC8

 A9FFFF

 2E95AD

 C6FFFF

 007B92

 E4FFFF

 006278

 004A5F

 003348

 001F31

 00021C

 000000

 6ECBE4

 6ECBE4

 57C6E4

 85D0E4

 40C1E4

 9CD5E4

 2ABDE4

 B2D9E4

 13B8E4

 C9DEE4

 00B4E4

 E0E3E4

 F7E8E4

 FFEDE4

 FFF2E4

 FFF6E4

# Harmonies

## Analogous

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



6FCECB



6ECBE4



89C5F2

# Triad

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



6ECBE4



ECACCD



C4C189

# Complementary

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



6ECBE4



E4876E

# 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.



DEB88A



6ECBE4



F6AAB1

# Square

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



6ECBE4



D3B3E5



F0AF99



A5C897

# Rectangle

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



6ECBE4



A2BFF4



F0AF99



CDBE88

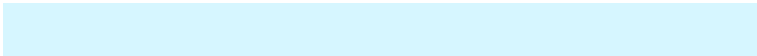


# Sweetspot

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



6ECBE4



D6F6FF



6EE486



677A80



000000



808080



# Same Dimension

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



6ECBE4



61DEFF



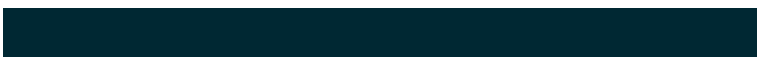
6E91E4



677073



008DB3



002833



# Inverse Universe

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



E46ECB



FF61DE



E4C16E



736770



B3008D

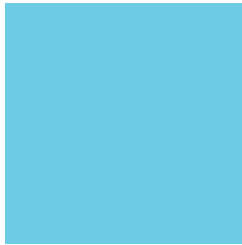


330028



# Previews

## White Background



This preview shows how the Hex color 6ECBE4 looks on a white background.

## Color Contrast Check

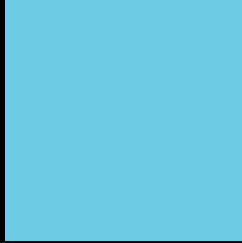
Large Text (above 18pt) WCAG AA × Fail

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 6ECBE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

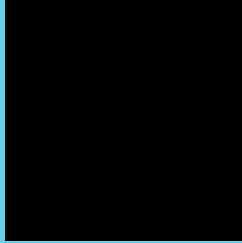
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6ECBE4 Background



This preview shows how black text looks on a background with the Hex color 6ECBE4.



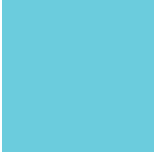
This preview shows how white text looks on a background with the Hex color 6ECBE4.

# 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](#).

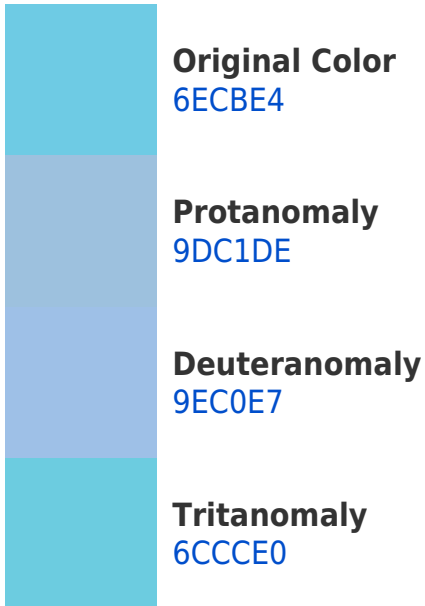
## Dichromacy



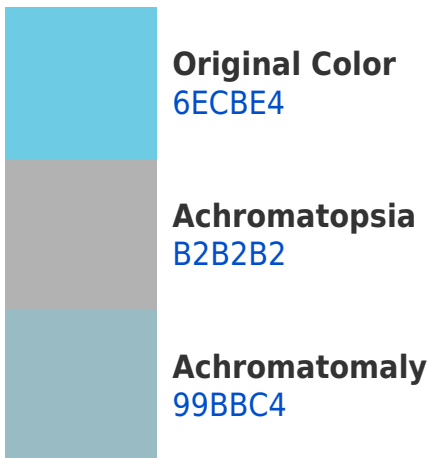


**Tritanopia**  
6BCCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ECBE4 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 #6ECBE4 looks like.

```
.text, #text, p{  
    color:#6ECBE4  
}
```

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 #6ECBE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ECBE4  
}
```

## Border

The CSS property to change the border of an element to Hex 6ECBE4 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  
#6ECBE4 }
```

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

```
.border{ border-color:#6ECBE4 }
```

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

Here you see how a box with a 4 pixel #6ECBE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ECBE4; -webkit-box-shadow:4px 4px  
4px 4px #6ECBE4; box-shadow:4px 4px 4px  
4px #6ECBE4 }
```

# Background

The CSS property to change the background color of an element to Hex 6ECBE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ECBE4 }
```

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

```
.background{ background-color:#6ECBE4 }
```

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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