

# Converting Colors

Hex(6EC5CB)

Have a look what the booklet for  
Hex(6EC5CB) contains.

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**Color**

**Hex(6EC5CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EC5CB
RGB	110, 197, 203
RGB Percent	43%, 77%, 80%
CMY	0.5686, 0.2275, 0.2039
CMYK	0.46, 0.03, 0.00, 0.20
HSL	184°, 47%, 61%
HSV	184°, 46%, 80%
XYZ	37.1762, 47.5593, 63.7204
YIQ	171.6710, -53.7780, -16.5780

# Conversions

## Conversions Part 2

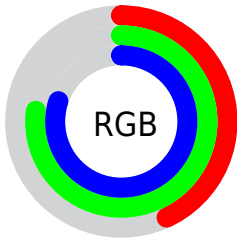
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	110, 155, 203
Decimal	7259595
CIE Lab	74.55, -24.62, -11.18
CIE LCh	75, 27.041, 204.411
Yxy	47.5593, 0.2504, 0.3204
Android (android.graphics.Color)	4285449675 (0xFF6EC5CB)
YUV	171.6710, 15.4452, -54.0855
Hunter-Lab	68.9632, -24.4613, -6.5083

# Details

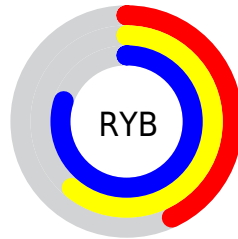
The Hex color **6EC5CB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CB746E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A7FEFF**, and **338F95** is the 20% darker color. If you saturate the color by 10%, you get **5AC4CB**, and if you desaturate by 10%, it is **82C6CB**.

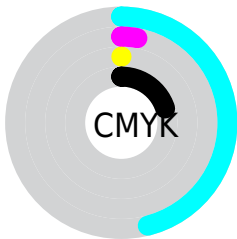
# Distribution



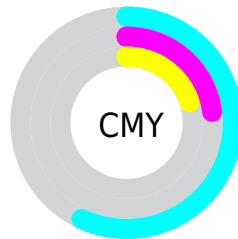
- Red (43%)
- Green (77%)
- Blue (80%)



- Red (43%)
- Yellow (61%)
- Blue (80%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EC5CB 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 6EC5CB by changing the saturation by 10% instead.



 6EC5CB

 6EC5CB

FFFFFF

 51AAB0

 A7FEFF

 338F95

 C4FFFF

 07757B

 E1FFFF

 005C62

 00444A

 002D34

 00191F

 000004

 000000

 6EC5CB

 6EC5CB

 5AC4CB

 82C6CB

 45C2CB

 97C8CB

 31C1CB

 ABC9CB

 1DC0CB

 BFCACB

 09BECB

 D4CCCB

 00BECB

 E8CDCB

 FCCECB

 FFCFCB

 FFD1CB

# Harmonies

## Analogous

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



7DC5B2



6EC5CB



76C2DF

# Triad

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



6EC5CB



D3AAD5



CEB486

# Complementary

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



6EC5CB



CB746E

# 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.



E1AC90



6EC5CB



E5A6BD

# Square

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



6EC5CB



B5B3E5



EAA6A4



B4BC8A

# Rectangle

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



6EC5CB



87BEE7



EAA6A4



D5B188

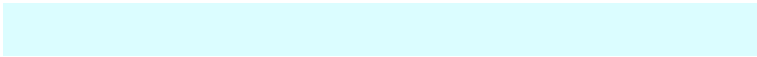


# Sweetspot

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



6EC5CB



DBFDFF



6ECB73



6A7E80



000000



808080



# Same Dimension

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



6EC5CB



73F6FF



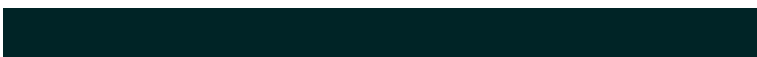
6E98CB



5C6566



009BA6



002426



# Inverse Universe

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



CB6EC5



FF73F6



CBA16E



665C65



A6009B

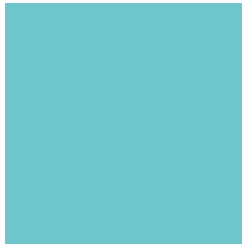


260024



# Previews

## White Background



This preview shows how the Hex color 6EC5CB looks on a white background.

## Color Contrast Check

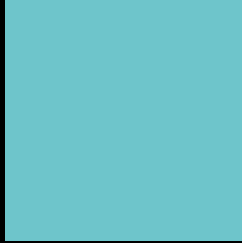
Large Text (above 18pt) WCAG AA × Fail

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 6EC5CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

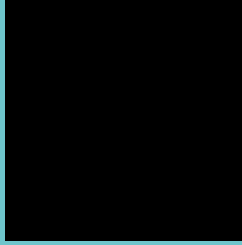
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EC5CB Background



This preview shows how black text looks on a background with the Hex color 6EC5CB.



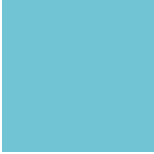
This preview shows how white text looks on a background with the Hex color 6EC5CB.

# 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](#).

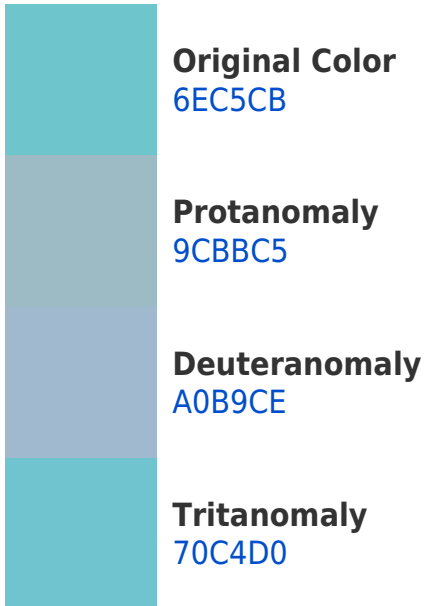
## Dichromacy



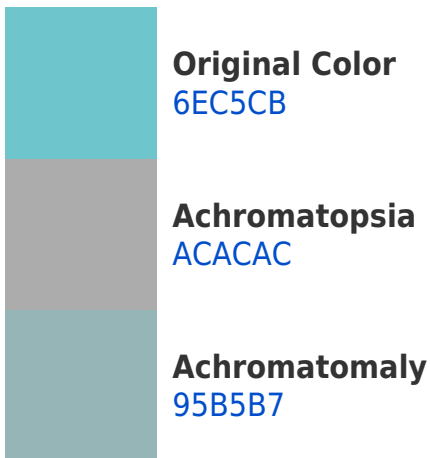


**Tritanopia**  
71C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EC5CB 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 #6EC5CB looks like.

```
.text, #text, p{  
    color:#6EC5CB  
}
```

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 #6EC5CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC5CB  
}
```

## Border

The CSS property to change the border of an element to Hex 6EC5CB 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  
#6EC5CB }
```

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

```
.border{ border-color:#6EC5CB }
```

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

Here you see how a box with a 4 pixel #6EC5CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC5CB; -webkit-box-shadow:4px 4px  
4px 4px #6EC5CB; box-shadow:4px 4px 4px  
4px #6EC5CB }
```

# Background

The CSS property to change the background color of an element to Hex 6EC5CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC5CB }
```

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

```
.background{ background-color:#6EC5CB }
```

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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