

# Converting Colors

Hex(7EC7E0)

Have a look what the booklet for  
Hex(7EC7E0) contains.

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# **Color**

**Hex(7EC7E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7EC7E0
RGB	126, 199, 224
RGB Percent	49%, 78%, 88%
CMY	0.5059, 0.2196, 0.1216
CMYK	0.44, 0.11, 0.00, 0.12
HSL	195°, 61%, 69%
HSV	195°, 44%, 88%
XYZ	42.4822, 50.6643, 78.0611
YIQ	180.0230, -51.5330, -7.7010

# Conversions

## Conversions Part 2

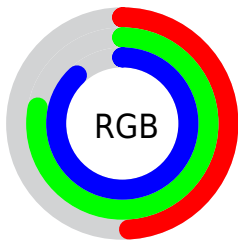
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 168, 224
Decimal	8308704
CIE Lab	76.48, -16.31, -19.56
CIE LCh	76, 25.469, 230.178
Yxy	50.6643, 0.2481, 0.2959
Android (android.graphics.Color)	4286498784 (0xFF7EC7E0)
YUV	180.0230, 21.6807, -47.3782
Hunter-Lab	71.1788, -18.0276, -15.1976

# Details

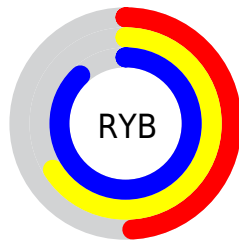
The Hex color **7EC7E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0977E**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B7FFFF**, and **4591A9** is the 20% darker color. If you saturate the color by 10%, you get **68C1E0**, and if you desaturate by 10%, it is **94CDE0**.

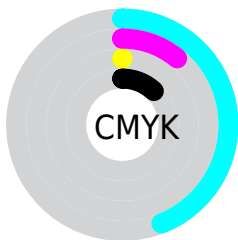
# Distribution



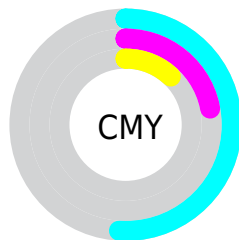
- Red (49%)
- Green (78%)
- Blue (88%)



- Red (49%)
- Yellow (66%)
- Blue (88%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (22%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EC7E0 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 7EC7E0 by changing the saturation by 10% instead.



 7EC7E0

 7EC7E0

FFFFFF

 62ACC4

 B7FFFF

 4591A9

 D4FFFF

 25778E

 F1FFFF

 005E75

 00475C

 003044

 001C2E

 000119


 000000

 7EC7E0

 7EC7E0

 68C1E0

 94CDE0

 51BCE0

 ABD2E0

 3BB6E0

 C1D8E0

 24B0E0

 D8DEE0

 0EAAE0

 EEE4E0

 00A7E0

 FFE9E0

 FFEFE0

 FFF5E0

 FFFAE0

# Harmonies

## Analogous

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



7ACACC



7EC7E0



96C1EA

# Triad

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



7EC7E0



E7ACC5



BDC090

# Complementary

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



7EC7E0



E0977E

# 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.



D5B88F



7EC7E0



EDACAD

# Square

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



7EC7E0



D3B1DB



E7B199



A3C69E

# Rectangle

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



7EC7E0



ABBCEB



E7B199



C6BE8E

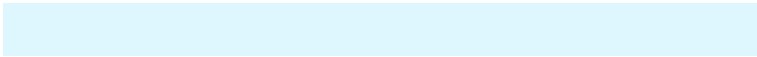


# Sweetspot

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



7EC7E0



DEF7FF



7EE097



6B7A80



000000



808080



# Same Dimension

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



7EC7E0



78DDFF



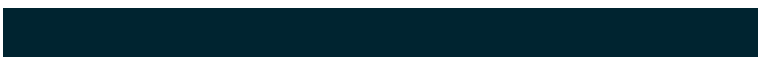
7E97E0



656D70



0083B0



002430



# Inverse Universe

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



E07EC7



FF78DD



E0C87E



70656D



B00083

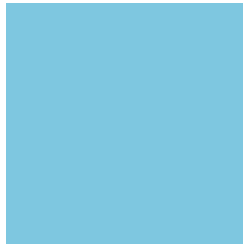


300024



# Previews

## White Background



This preview shows how the Hex color 7EC7E0 looks on a white background.

## Color Contrast Check

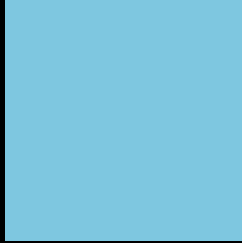
Large Text (above 18pt) WCAG AA × Fail

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 7EC7E0 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 7EC7E0 Background



This preview shows how black text looks on a background with the Hex color 7EC7E0.



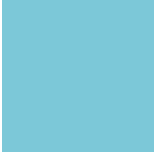
This preview shows how white text looks on a background with the Hex color 7EC7E0.

# 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](#).

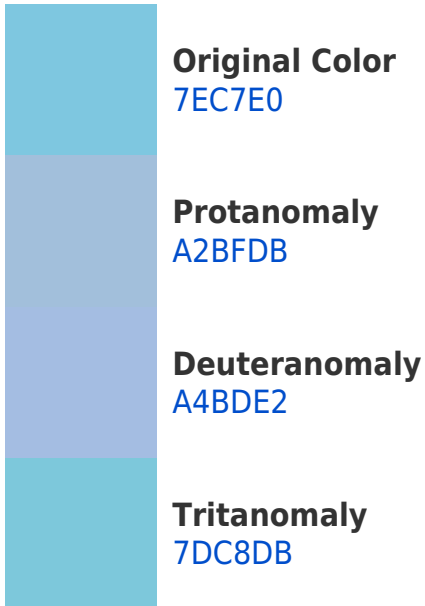
## Dichromacy





**Tritanopia**  
7CC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EC7E0 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 #7EC7E0 looks like.

```
.text, #text, p{  
    color:#7EC7E0  
}
```

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 #7EC7E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC7E0
}
```

## Border

The CSS property to change the border of an element to Hex 7EC7E0 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
#7EC7E0 }
```

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

```
.border{ border-color:#7EC7E0 }
```

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

Here you see how a box with a 4 pixel #7EC7E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC7E0; -webkit-box-shadow:4px 4px  
4px 4px #7EC7E0; box-shadow:4px 4px 4px  
4px #7EC7E0 }
```

# Background

The CSS property to change the background color of an element to Hex 7EC7E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC7E0 }
```

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

```
.background{ background-color:#7EC7E0 }
```

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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