

# Converting Colors

Hex(7EB9E0)

Have a look what the booklet for  
Hex(7EB9E0) contains.

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# **Color**

**Hex(7EB9E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB9E0
RGB	126, 185, 224
RGB Percent	49%, 73%, 88%
CMY	0.5059, 0.2745, 0.1216
CMYK	0.44, 0.17, 0.00, 0.12
HSL	204°, 61%, 69%
HSV	204°, 44%, 88%
XYZ	39.4077, 44.5154, 77.0363
YIQ	171.8050, -47.6830, -0.3790

# Conversions

## Conversions Part 2

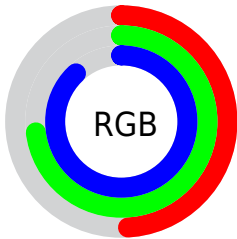
Format	Color
R <sub>Y</sub> B	126, 163, 224
Decimal	8305120
CIE Lab	72.57, -8.94, -25.50
CIE LCh	73, 27.025, 250.686
Yxy	44.5154, 0.2448, 0.2766
Android (android.graphics.Color)	4286495200 (0xFF7EB9E0)
YUV	171.8050, 25.7321, -40.1710
Hunter-Lab	66.7198, -11.3297, -21.7538

# Details

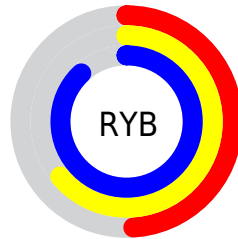
The Hex color **7EB9E0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0A57E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B6F1FF**, and **4684A9** is the 20% darker color. If you saturate the color by 10%, you get **68B0E0**, and if you desaturate by 10%, it is **94C2E0**.

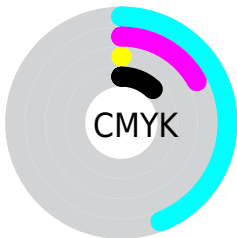
# Distribution



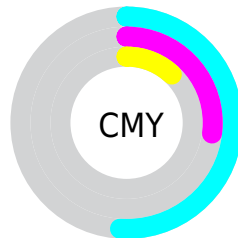
- Red (49%)
- Green (73%)
- Blue (88%)



- Red (49%)
- Yellow (64%)
- Blue (88%)



- Cyan (44%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (27%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB9E0 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 7EB9E0 by changing the saturation by 10% instead.



 7EB9E0

 7EB9E0

FFFFFF

 629EC4

 B6F1FF

 4684A9

 D3FFFF

 276B8E

 F1FFFF

 005374

 003C5C

 002644

 00122E

 000118

 000000

7EB9E0

7EB9E0

68B0E0

94C2E0

51A7E0

ABCBE0

3B9EE0

C1D4E0

2495E0

D8DDE0

0E8CE0

EEE6E0

0087E0

FFEEE0

FFF7E0

FFFFE0

# Harmonies

## Analogous

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



69BED1



7EB9E0



A0B1E2

# Triad

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



7EB9E0



E4A0AA



9FBA8C

# Complementary

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



7EB9E0



E0A57E

# 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.



BBB381



7EB9E0



E1A493

# Square

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



7EB9E0



D9A2C3



D2AB84



83BFA1

# Rectangle

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



7EB9E0



B7ABDC



D2AB84



A9B887

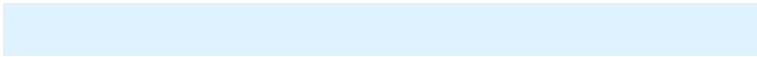


# Sweetspot

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



7EB9E0



DEF2FF



7EE0A4



6B7780



000000



808080

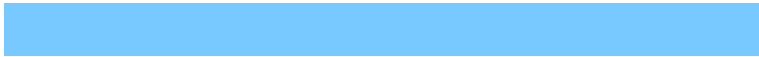


# Same Dimension

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



7EB9E0



78C9FF



7E89E0



656C70



006AB0



001D30



# Inverse Universe

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



E07EB9



FF78C9



E0D57E



70656C



B0006A

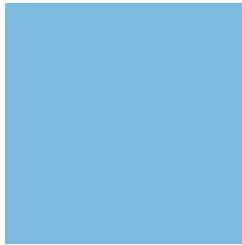


30001D



# Previews

## White Background



This preview shows how the Hex color 7EB9E0 looks on a white background.

## Color Contrast Check

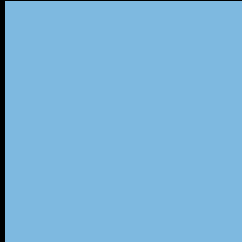
Large Text (above 18pt) WCAG AA × Fail

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 7EB9E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

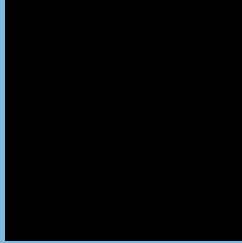
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EB9E0 Background



This preview shows how black text looks on a background with the Hex color 7EB9E0.

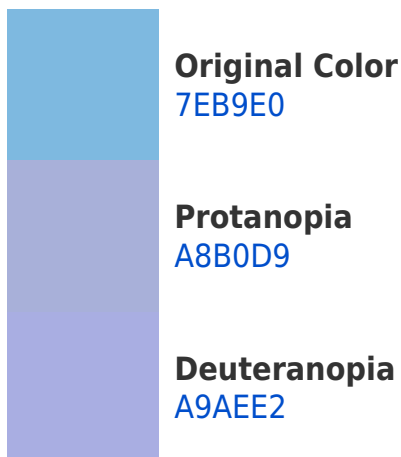


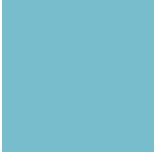
This preview shows how white text looks on a background with the Hex color 7EB9E0.

# 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](#).

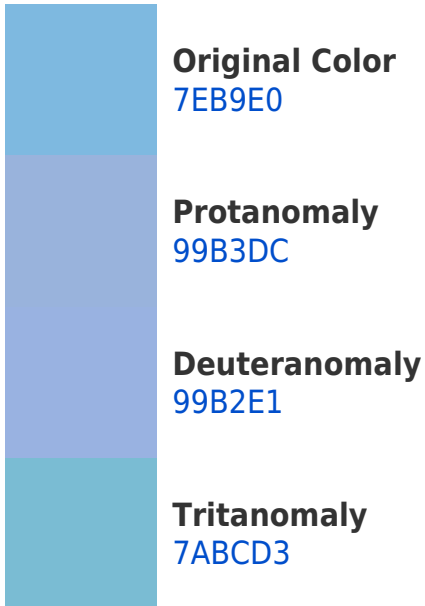
## Dichromacy



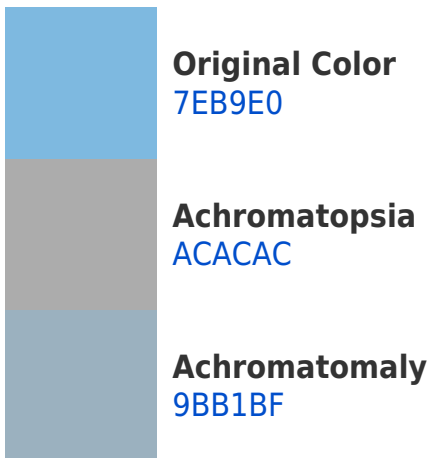


**Tritanopia**  
78BDCC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB9E0 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 #7EB9E0 looks like.

```
.text, #text, p{  
    color:#7EB9E0  
}
```

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 #7EB9E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB9E0
}
```

## Border

The CSS property to change the border of an element to Hex 7EB9E0 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
#7EB9E0 }
```

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

```
.border{ border-color:#7EB9E0 }
```

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

Here you see how a box with a 4 pixel #7EB9E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB9E0; -webkit-box-shadow:4px 4px  
4px 4px #7EB9E0; box-shadow:4px 4px 4px  
4px #7EB9E0 }
```

# Background

The CSS property to change the background color of an element to Hex 7EB9E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB9E0 }
```

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

```
.background{ background-color:#7EB9E0 }
```

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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