

# Converting Colors

Hex(7EBAD0)

Have a look what the booklet for  
Hex(7EBAD0) contains.

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# **Color**

**Hex(7EBAD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EBAD0
RGB	126, 186, 208
RGB Percent	49%, 73%, 82%
CMY	0.5059, 0.2706, 0.1843
CMYK	0.39, 0.11, 0.00, 0.18
HSL	196°, 47%, 65%
HSV	196°, 39%, 82%
XYZ	37.5483, 44.1075, 66.2091
YIQ	170.5680, -42.8220, -5.8780

# Conversions

## Conversions Part 2

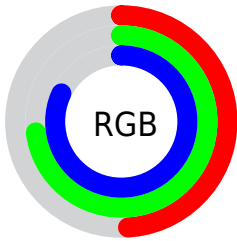
Format	Color
R <sub>YB</sub>	126, 161, 208
Decimal	8305360
CIE Lab	72.30, -13.73, -17.20
CIE LCh	72, 22.005, 231.403
Yxy	44.1075, 0.2539, 0.2983
Android (android.graphics.Color)	4286495440 (0xFF7EBAD0)
YUV	170.5680, 18.4540, -39.0861
Hunter-Lab	66.4135, -15.3049, -12.6181

# Details

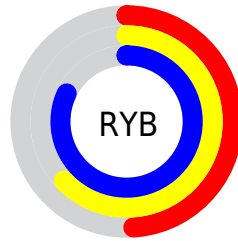
The Hex color **7EBAD0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D0947E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B6F2FF**, and **48859A** is the 20% darker color. If you saturate the color by 10%, you get **69B4D0**, and if you desaturate by 10%, it is **93C0D0**.

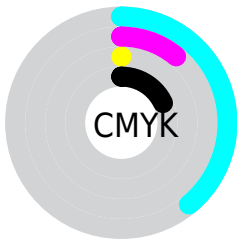
# Distribution



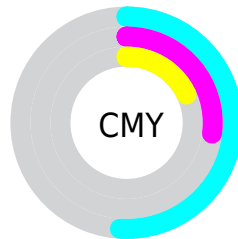
- Red (49%)
- Green (73%)
- Blue (82%)



- Red (49%)
- Yellow (63%)
- Blue (82%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (27%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EBAD0 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 7EBAD0 by changing the saturation by 10% instead.



 7EBAD0

 7EBAD0

FFFFFF

 639FB4

 B6F2FF

 48859A

 D2FFFF

 2B6C80

 EFFFFFF

 055367

 003C4E

 002638

 001122

 00000A

 000000

■ 7EBAD0

■ 7EBAD0

■ 69B4D0

■ 93C0D0

■ 54AFD0

■ A8C5D0

■ 40A9D0

■ BCCBD0

■ 2BA4D0

■ D1D0D0

■ 169ED0

■ E6D6D0

■ 0199D0

■ FBDBD0

■ 0098D0

■ FFE1D0

■ FFE7D0

■ FFEC D0

# Harmonies

## Analogous

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



7ABDBF



7EBAD0



92B5D9

# Triad

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



7EBAD0



D6A3B8



B1B58C

# Complementary

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



7EBAD0



D0947E

# 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.



C6AE8A



7EBAD0



DBA4A4

# Square

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



7EBAD0



C6A8CB



D5A893



9ABA98

# Rectangle

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



7EBAD0



A4B0D8



D5A893



B9B28A

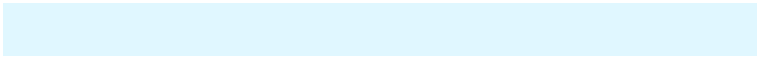


# Sweetspot

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



7EBAD0



E0F7FF



7ED094



6E7B80



000000



808080

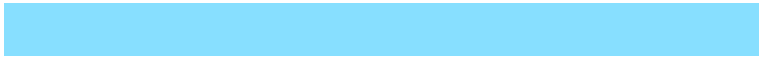


# Same Dimension

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



7EBAD0



87DFFF



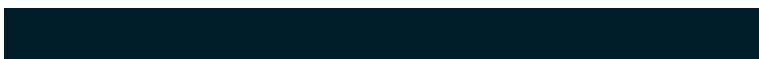
7E91D0



5E6669



007BA8



001E29



# Inverse Universe

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



D07EBA



FF87DF



D0BD7E



695E66



A8007B

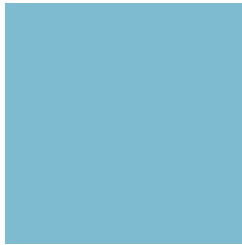


29001E



# Previews

## White Background



This preview shows how the Hex color 7EBAD0 looks on a white background.

## Color Contrast Check

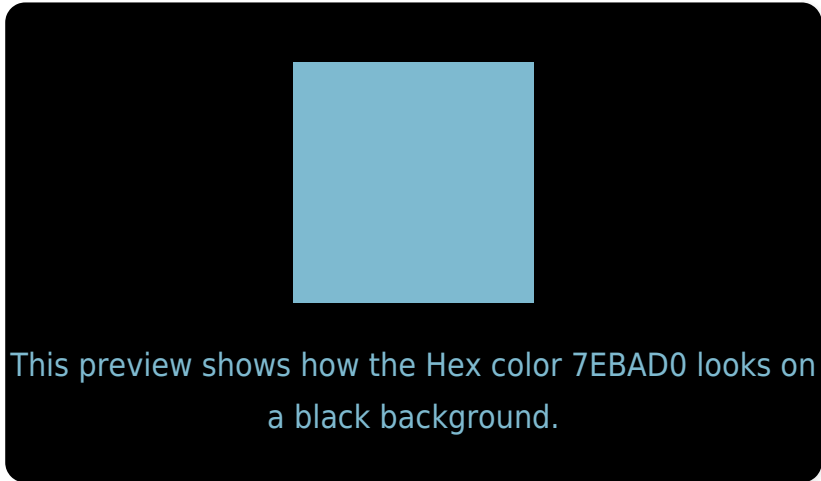
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 7EBAD0 Background



This preview shows how black text looks on a background with the Hex color 7EBAD0.

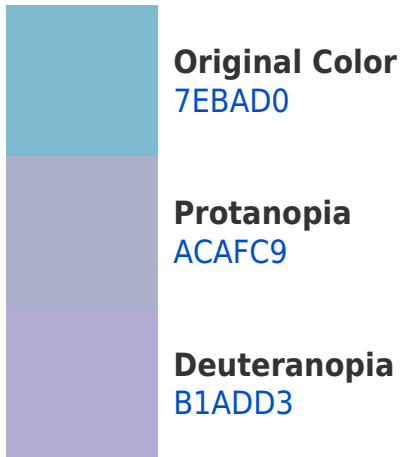


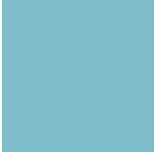
This preview shows how white text looks on a background with the Hex color 7EBAD0.

# Color Blindness Simulation

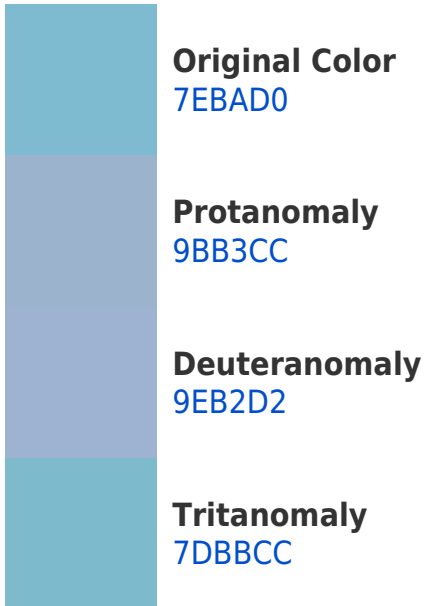
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EBAD0 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 #7EBAD0 looks like.

```
.text, #text, p{  
    color:#7EBAD0  
}
```

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 #7EBAD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EBAD0
}
```

## Border

The CSS property to change the border of an element to Hex 7EBAD0 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
#7EBAD0 }
```

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

```
.border{ border-color:#7EBAD0 }
```

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

Here you see how a box with a 4 pixel #7EBAD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EBAD0; -webkit-box-shadow:4px 4px  
4px 4px #7EBAD0; box-shadow:4px 4px 4px  
4px #7EBAD0 }
```

# Background

The CSS property to change the background color of an element to Hex 7EBAD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EBAD0 }
```

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

```
.background{ background-color:#7EBAD0 }
```

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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