

# Converting Colors

Hex(7CB8E3)

Have a look what the booklet for  
Hex(7CB8E3) contains.

<b>Hex(7CB8E3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7CB8E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB8E3
RGB	124, 184, 227
RGB Percent	49%, 72%, 89%
CMY	0.5137, 0.2784, 0.1098
CMYK	0.45, 0.19, 0.00, 0.11
HSL	205°, 65%, 69%
HSV	205°, 45%, 89%
XYZ	39.3178, 44.1121, 79.1153
YIQ	170.9620, -49.5630, 0.6530

# Conversions

## Conversions Part 2

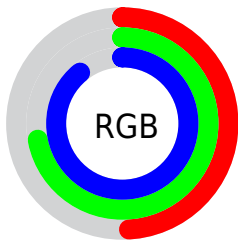
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 162, 227
Decimal	8173795
CIELab	72.30, -8.07, -27.56
CIELCh	72, 28.712, 253.684
Yxy	44.1121, 0.2419, 0.2714
Android (android.graphics.Color)	4286363875 (0xFF7CB8E3)
YUV	170.9620, 27.6267, -41.1857
Hunter-Lab	66.4170, -10.5605, -24.1338

# Details

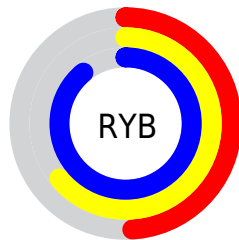
The Hex color **7CB8E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3A77C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B5F0FF**, and **4383AB** is the 20% darker color. If you saturate the color by 10%, you get **65AFE3**, and if you desaturate by 10%, it is **93C1E3**.

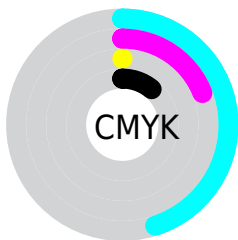
# Distribution



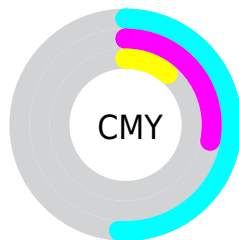
- Red (49%)
- Green (72%)
- Blue (89%)



- Red (49%)
- Yellow (64%)
- Blue (89%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (28%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB8E3 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 7CB8E3 by changing the saturation by 10% instead.



 7CB8E3

 7CB8E3

FFFFFF

 609DC7

 B5F0FF

 4383AB

 D2FFFF

 236A91

 EFFFFFF

 005277

 003B5E

 002546

 001130

 00011A

 000000

7CB8E3

7CB8E3

65AFE3

93C1E3

4FA5E3

A9CBE3

389CE3

C0D4E3

2192E3

D7DEE3

0B89E3

EEE7E3

0084E3

FFF1E3

FFFAE3

FFFFE3

# Harmonies

## Analogous

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



63BED5



7CB8E3



A1B0E4

# Triad

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



7CB8E3



E69EA6



9ABB8B

# Complementary

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



7CB8E3



E3A77C

# 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.



B8B37E



7CB8E3



E2A38E

# Square

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



7CB8E3



DCA0C1



D1AB7F



7CBFA2

# Rectangle

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



7CB8E3



B9A9DD



D1AB7F



A4B885

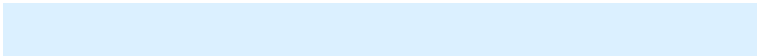


# Sweetspot

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



7CB8E3



DBF0FF



7CE3A7



6A7680



000000



808080



# Same Dimension

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



7CB8E3



75C6FF



7C85E3



676E73



0068B3



001E33



# Inverse Universe

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



E37CB8



FF75C6



E3DA7C



73676E



B30068

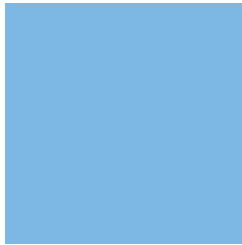


33001E



# Previews

## White Background



This preview shows how the Hex color 7CB8E3 looks on a white background.

## Color Contrast Check

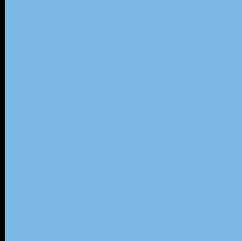
Large Text (above 18pt) WCAG AA × Fail

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 7CB8E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

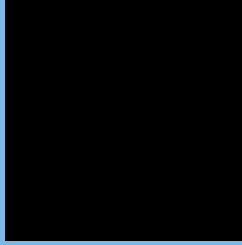
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

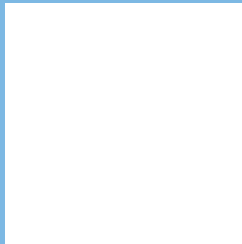
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CB8E3 Background



This preview shows how black text looks on a background with the Hex color 7CB8E3.

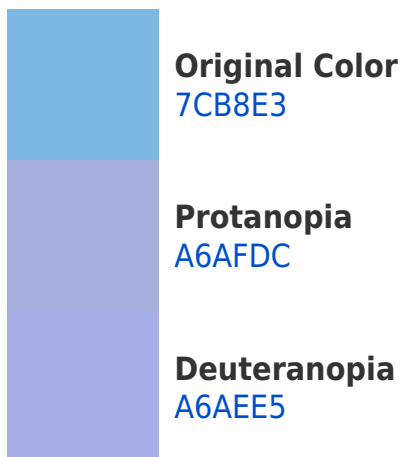


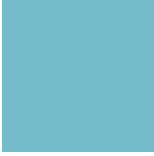
This preview shows how white text looks on a background with the Hex color 7CB8E3.

# Color Blindness Simulation

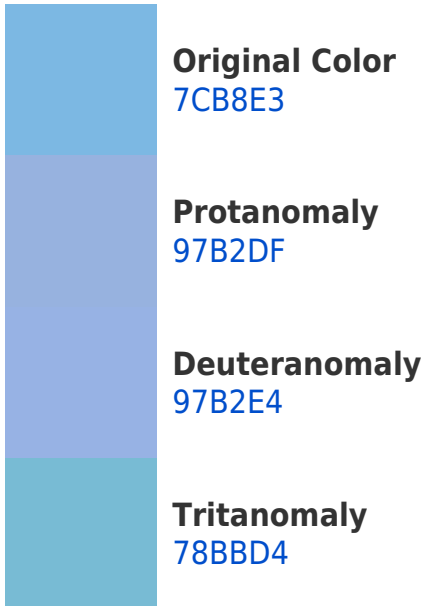
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

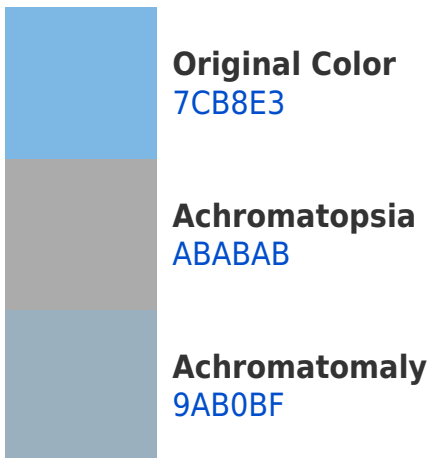




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB8E3 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 #7CB8E3 looks like.

```
.text, #text, p{  
    color:#7CB8E3  
}
```

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 #7CB8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB8E3
}
```

## Border

The CSS property to change the border of an element to Hex 7CB8E3 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
#7CB8E3 }
```

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

```
.border{ border-color:#7CB8E3 }
```

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

Here you see how a box with a 4 pixel #7CB8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB8E3; -webkit-box-shadow:4px 4px  
4px 4px #7CB8E3; box-shadow:4px 4px 4px  
4px #7CB8E3 }
```

# Background

The CSS property to change the background color of an element to Hex 7CB8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB8E3 }
```

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

```
.background{ background-color:#7CB8E3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor