

# Converting Colors

Hex(7CBBE3)

Have a look what the booklet for  
Hex(7CBBE3) contains.

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# **Color**

**Hex(7CBBE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CBBE3
RGB	124, 187, 227
RGB Percent	49%, 73%, 89%
CMY	0.5137, 0.2667, 0.1098
CMYK	0.45, 0.18, 0.00, 0.11
HSL	203°, 65%, 69%
HSV	203°, 45%, 89%
XYZ	39.9476, 45.3718, 79.3252
YIQ	172.7230, -50.3880, -0.9160

# Conversions

## Conversions Part 2

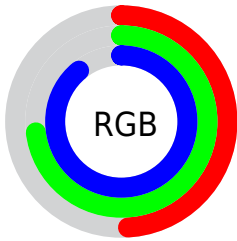
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 163, 227
Decimal	8174563
CIELab	73.14, -9.68, -26.28
CIELCh	73, 28.004, 249.786
Yxy	45.3718, 0.2426, 0.2756
Android (android.graphics.Color)	4286364643 (0xFF7CBBE3)
YUV	172.7230, 26.7586, -42.7301
Hunter-Lab	67.3586, -12.0164, -22.6722

# Details

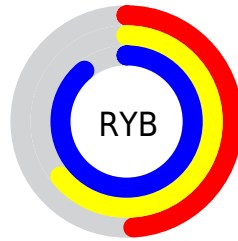
The Hex color **7CBBE3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3A47C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B5F3FF**, and **4386AC** is the 20% darker color. If you saturate the color by 10%, you get **65B2E3**, and if you desaturate by 10%, it is **93C4E3**.

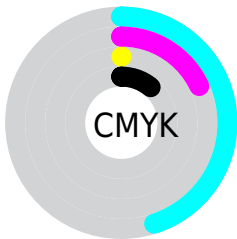
# Distribution



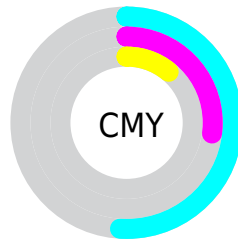
- Red (49%)
- Green (73%)
- Blue (89%)



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



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (27%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CBBE3 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 7CBBE3 by changing the saturation by 10% instead.



7CBBE3

7CBBE3

FFFFFF

60A0C7

B5F3FF

4386AC

D2FFFF

236D91

FFFFFF

005477

003D5E

002846

001430

00011B

000000

 7CBBE3

 7CBBE3

 65B2E3

 93C4E3

 4FA9E3

 A9CDE3

 38A1E3

 C0D5E3

 2198E3

 D7DEE3

 0B8FE3

 EEE7E3

 008BE3

 FFF0E3

 FFF9E3

 FFFF E3

# Harmonies

## Analogous

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



67C0D3



7CBBE3



9FB3E6

# Triad

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



7CBBE3



E7A1AC



A1BC8C

# Complementary

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



7CBBE3



E3A47C

# 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.



**BEB581**



**7CBBE3**



**E4A494**

# Square

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



7CBBE3



DBA3C6



D5AC84



84C0A1

# Rectangle

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



7CBBE3



B7ADE0



D5AC84



ABBA87

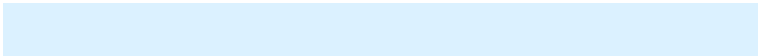


# Sweetspot

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



7CBBE3



DBF1FF



7CE3A3



6A7780



000000



808080

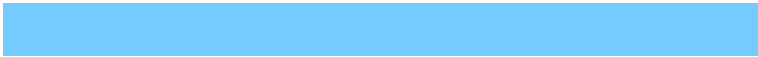


# Same Dimension

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



7CBBE3



75CAFF



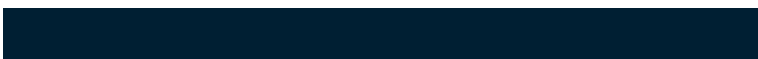
7C88E3



676E73



006DB3



001F33



# Inverse Universe

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



E37CBB



FF75CA



E3D77C



73676E



B3006D

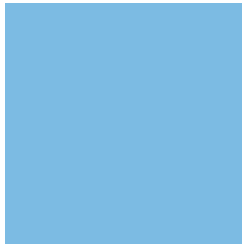


33001F



# Previews

## White Background



This preview shows how the Hex color 7CBBE3 looks on a white background.

## Color Contrast Check

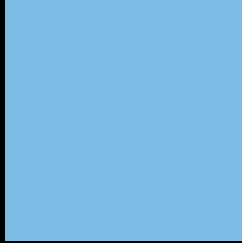
Large Text (above 18pt) WCAG AA × Fail

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 7CBBE3 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

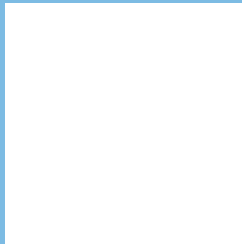
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CBBE3 Background



This preview shows how black text looks on a background with the Hex color 7CBBE3.

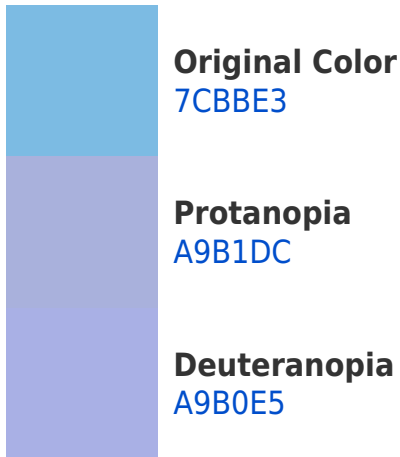


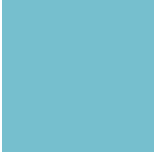
This preview shows how white text looks on a background with the Hex color 7CBBE3.

# 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



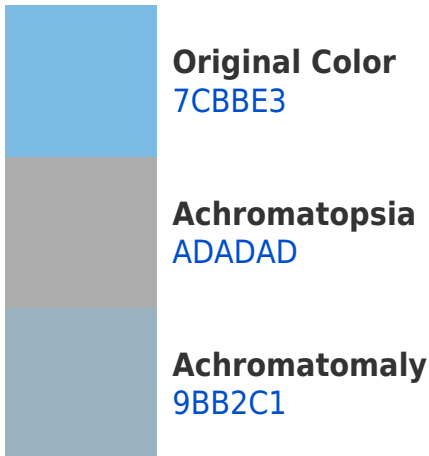


**Tritanopia**  
76BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CBBE3 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 #7CBBE3 looks like.

```
.text, #text, p{  
    color:#7CBBE3  
}
```

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 #7CBBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CBBE3  
}
```

## Border

The CSS property to change the border of an element to Hex 7CBBE3 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  
#7CBBE3 }
```

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

```
.border{ border-color:#7CBBE3 }
```

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

Here you see how a box with a 4 pixel #7CBBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CBBE3; -webkit-box-shadow:4px 4px  
4px 4px #7CBBE3; box-shadow:4px 4px 4px  
4px #7CBBE3 }
```

# Background

The CSS property to change the background color of an element to Hex 7CBBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CBBE3 }
```

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

```
.background{ background-color:#7CBBE3 }
```

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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