

# Converting Colors

Hex(7CC3DE)

Have a look what the booklet for  
Hex(7CC3DE) contains.

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# **Color**

**Hex(7CC3DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CC3DE
RGB	124, 195, 222
RGB Percent	49%, 76%, 87%
CMY	0.5137, 0.2353, 0.1294
CMYK	0.44, 0.12, 0.00, 0.13
HSL	197°, 60%, 68%
HSV	197°, 44%, 87%
XYZ	41.0121, 48.5892, 76.3243
YIQ	176.8490, -50.9830, -6.6550

# Conversions

## Conversions Part 2

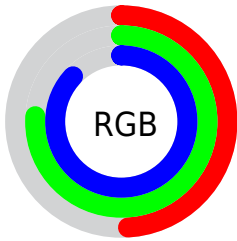
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 165, 222</a>
Decimal	<a href="#">8176606</a>
CIELab	<a href="#">75.20, -15.25, -20.43</a>
CIELCh	<a href="#">75, 25.497, 233.254</a>
Yxy	<a href="#">48.5892, 0.2472, 0.2928</a>
Android (android.graphics.Color)	<a href="#">4286366686</a> ( <a href="#">0xFF7CC3DE</a> )
YUV	<a href="#">176.8490, 22.2594, -46.3486</a>
Hunter-Lab	<a href="#">69.7060, -16.9635, -16.1252</a>

# Details

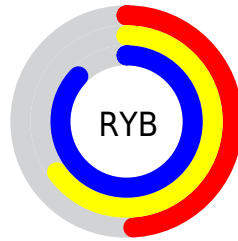
The Hex color **7CC3DE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DE977C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B5FCFF**, and **438DA7** is the 20% darker color. If you saturate the color by 10%, you get **66BDDE**, and if you desaturate by 10%, it is **92C9DE**.

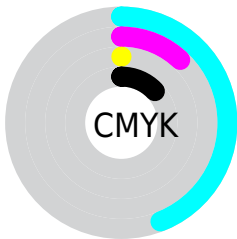
# Distribution



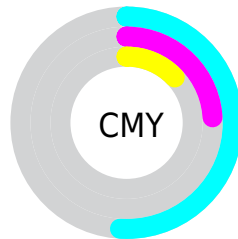
- Red (49%)
- Green (76%)
- Blue (87%)



- Red (49%)
- Yellow (65%)
- Blue (87%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (24%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CC3DE 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 7CC3DE by changing the saturation by 10% instead.



7CC3DE

7CC3DE

FFFFFF

60A8C2

B5FCFF

438DA7

D2FFFF

23748C

FFFFFF

005B73

00435A

002D43

001A2C

000118

000000

 7CC3DE

 7CC3DE

 66BDDE

 92C9DE

 50B7DE

 A8CFDE

 39B1DE

 BFD5DE

 23ABDE

 D5DBDE

 0DA4DE

 EBE2DE

 00A1DE

 FFE8DE

 FFEEDDE

 FFF4DE

 FFFADE

# Harmonies

## Analogous

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



76C6CB



7CC3DE



96BDE7

# Triad

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



7CC3DE



E4A9BF



B7BD8E

# Complementary

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



7CC3DE



DE977C

# 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.



D0B68B



7CC3DE



E9A9A8

# Square

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



7CC3DE



D2ADD6



E2AE94



9CC39C

# Rectangle

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



7CC3DE



ABB8E7



E2AE94



C0BB8B

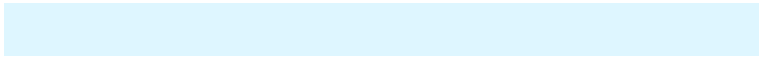


# Sweetspot

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



7CC3DE



DEF6FF



7CDE96



6B7A80



000000



808080

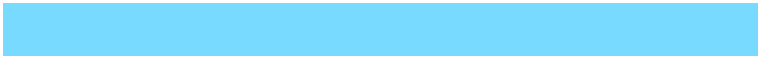


# Same Dimension

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



7CC3DE



78DAFF



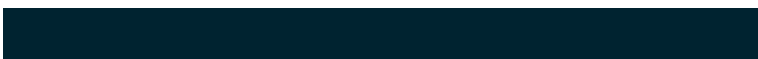
7C93DE



656D70



007FB0



002330



# Inverse Universe

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



DE7CC3



FF78DA



DEC77C



70656D



B0007F

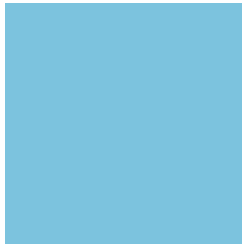


300023



# Previews

## White Background



This preview shows how the Hex color 7CC3DE looks on a white background.

## Color Contrast Check

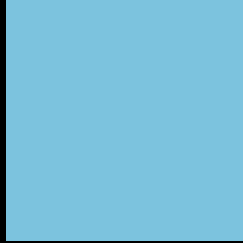
Large Text (above 18pt) WCAG AA × Fail

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 7CC3DE 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 7CC3DE Background



This preview shows how black text looks on a background with the Hex color 7CC3DE.

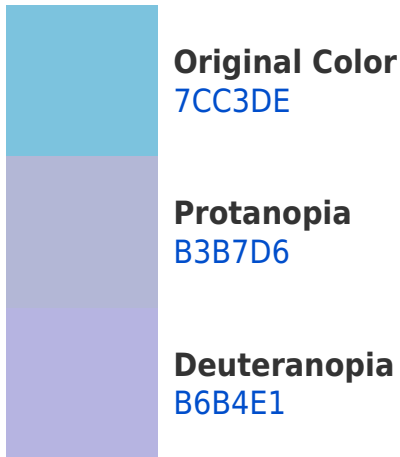


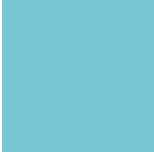
This preview shows how white text looks on a background with the Hex color 7CC3DE.

# 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](#).

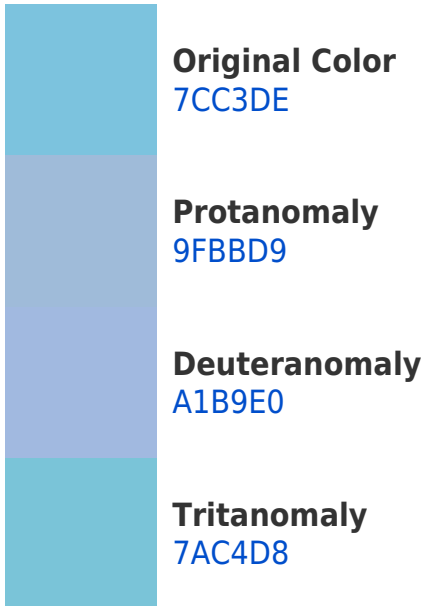
## Dichromacy



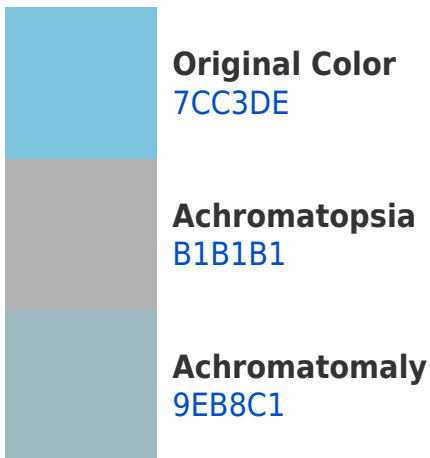


**Tritanopia**  
79C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CC3DE 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 #7CC3DE looks like.

```
.text, #text, p{  
    color:#7CC3DE  
}
```

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 #7CC3DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC3DE
}
```

## Border

The CSS property to change the border of an element to Hex 7CC3DE 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
#7CC3DE }
```

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

```
.border{ border-color:#7CC3DE }
```

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

Here you see how a box with a 4 pixel #7CC3DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC3DE; -webkit-box-shadow:4px 4px  
4px 4px #7CC3DE; box-shadow:4px 4px 4px  
4px #7CC3DE }
```

# Background

The CSS property to change the background color of an element to Hex 7CC3DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC3DE }
```

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

```
.background{ background-color:#7CC3DE }
```

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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