

# Converting Colors

Hex(7CD2E8)

Have a look what the booklet for  
Hex(7CD2E8) contains.

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# **Color**

**Hex(7CD2E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CD2E8
RGB	124, 210, 232
RGB Percent	49%, 82%, 91%
CMY	0.5137, 0.1765, 0.0902
CMYK	0.47, 0.09, 0.00, 0.09
HSL	192°, 70%, 70%
HSV	192°, 47%, 91%
XYZ	45.9243, 56.2045, 84.7720
YIQ	186.7940, -58.3180, -11.3900

# Conversions

## Conversions Part 2

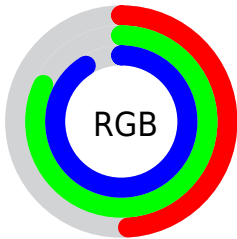
Format	Color
<a href="#">RYB</a>	<a href="#">124, 172, 232</a>
Decimal	<a href="#">8180456</a>
CIELab	<a href="#">79.73, -20.28, -18.94</a>
CIELCh	<a href="#">80, 27.749, 223.038</a>
Yxy	<a href="#">56.2045, 0.2457, 0.3007</a>
Android (android.graphics.Color)	<a href="#">4286370536</a> ( <a href="#">0xFF7CD2E8</a> )
YUV	<a href="#">186.7940, 22.2866, -55.0703</a>
Hunter-Lab	<a href="#">74.9696, -21.8529, -14.5635</a>

# Details

The Hex color **7CD2E8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E8927C**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B6FFFF**, and **419BB0** is the 20% darker color. If you saturate the color by 10%, you get **65CDE8**, and if you desaturate by 10%, it is **93D7E8**.

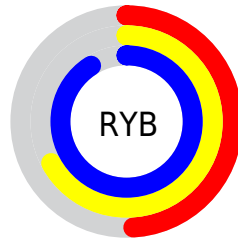
# Distribution



Red (49%)

Green (82%)

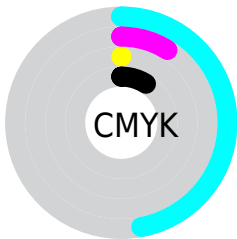
Blue (91%)



Red (49%)

Yellow (67%)

Blue (91%)

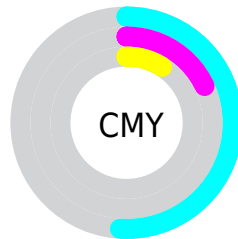


Cyan (47%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (51%)

Magenta (18%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CD2E8 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 7CD2E8 by changing the saturation by 10% instead.



 7CD2E8

 7CD2E8

FFFFFF

 5FB6CC

 B6FFFF

 419BB0

 D3FFFF

 1C8196


 F1FFFF

 00687C

 005063

 00384B

 002334

 00021F

 000003

 7CD2E8

 7CD2E8

 65CDE8

 93D7E8

 4EC9E8

 AADBE8

 36C4E8

 C2E0E8

 1FBFE8

 D9E5E8

 08BAE8

 F0EAE8

 00B9E8

 FFEEE8

 FFF3E8

 FFF8E8

 FFFDE8

# Harmonies

## Analogous

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



7ED4D0



7CD2E8



93CCF6

# Triad

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



7CD2E8



F0B5D5



CDC893

# Complementary

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



7CD2E8



E8927C

# 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.



E6BF95



7CD2E8



FAB3BB

# Square

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



7CD2E8



D8BBEC



F6B7A3



B0CF9F

# Rectangle

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



7CD2E8



AAC7F9



F6B7A3



D6C592

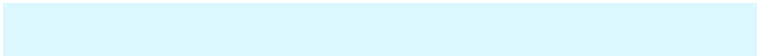


# Sweetspot

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



7CD2E8



DBF8FF



7CE892



6A7B80



000000



808080

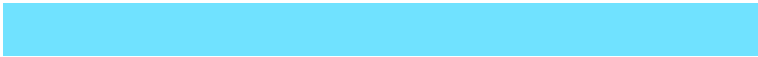


# Same Dimension

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



7CD2E8



70E2FF



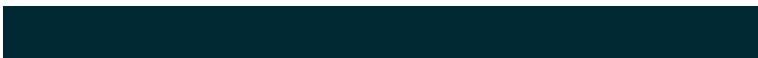
7C9CE8



677073



008EB3



002933



# Inverse Universe

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



E87CD2



FF70E2



E8C87C



736770



B3008E

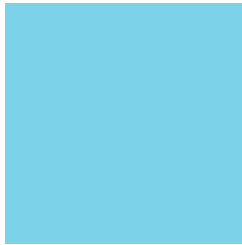


330029



# Previews

## White Background



This preview shows how the Hex color 7CD2E8 looks on a white background.

## Color Contrast Check

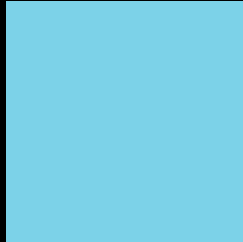
Large Text (above 18pt) WCAG AA × Fail

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 7CD2E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

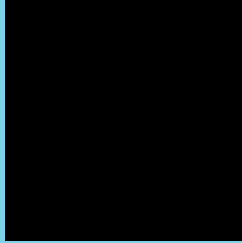
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CD2E8 Background



This preview shows how black text looks on a background with the Hex color 7CD2E8.

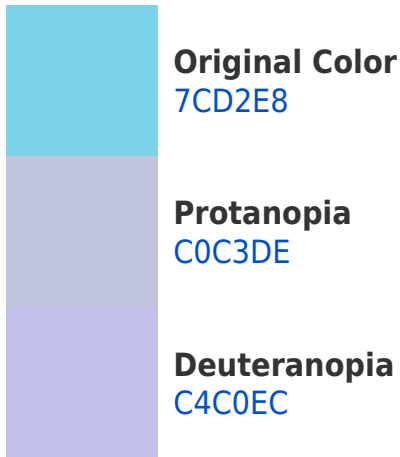


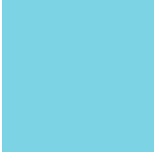
This preview shows how white text looks on a background with the Hex color 7CD2E8.

# 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](#).

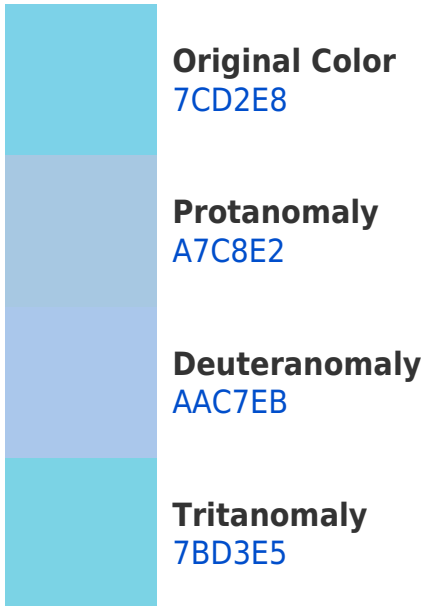
## Dichromacy



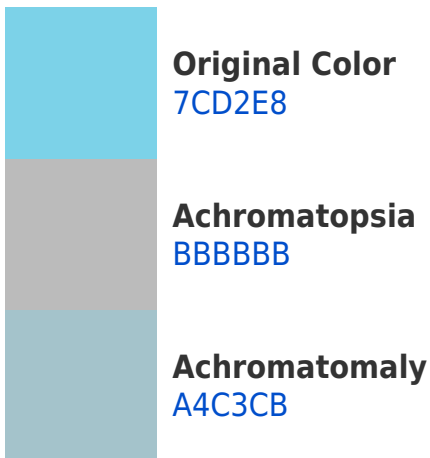


**Tritanopia**  
7BD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CD2E8 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 #7CD2E8 looks like.

```
.text, #text, p{  
    color:#7CD2E8  
}
```

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 #7CD2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CD2E8  
}
```

## Border

The CSS property to change the border of an element to Hex 7CD2E8 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  
#7CD2E8 }
```

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

```
.border{ border-color:#7CD2E8 }
```

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

Here you see how a box with a 4 pixel #7CD2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CD2E8; -webkit-box-shadow:4px 4px  
4px 4px #7CD2E8; box-shadow:4px 4px 4px  
4px #7CD2E8 }
```

# Background

The CSS property to change the background color of an element to Hex 7CD2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CD2E8 }
```

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

```
.background{ background-color:#7CD2E8 }
```

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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