

# Converting Colors

Hex(7CD7E8)

Have a look what the booklet for  
Hex(7CD7E8) contains.

<b>Hex(7CD7E8)</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(7CD7E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CD7E8
RGB	124, 215, 232
RGB Percent	49%, 84%, 91%
CMY	0.5137, 0.1569, 0.0902
CMYK	0.47, 0.07, 0.00, 0.09
HSL	189°, 70%, 70%
HSV	189°, 47%, 91%
XYZ	47.1781, 58.7122, 85.1900
YIQ	189.7290, -59.6930, -14.0050

# Conversions

## Conversions Part 2

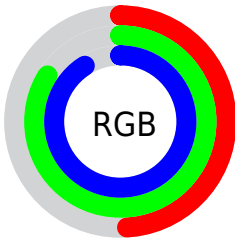
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 173, 232
Decimal	8181736
CIELab	81.13, -22.79, -16.82
CIElCh	81, 28.326, 216.430
Yxy	58.7122, 0.2469, 0.3073
Android (android.graphics.Color)	4286371816 (0xFF7CD7E8)
YUV	189.7290, 20.8396, -57.6443
Hunter-Lab	76.6239, -24.1874, -12.2816

# Details

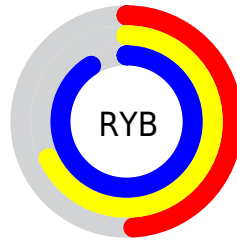
The Hex color **7CD7E8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E88D7C**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B6FFFF**, and **40A0B0** is the 20% darker color. If you saturate the color by 10%, you get **65D3E8**, and if you desaturate by 10%, it is **93DBE8**.

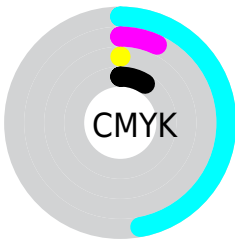
# Distribution



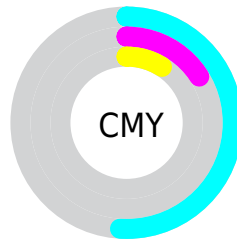
- Red (49%)
- Green (84%)
- Blue (91%)



- Red (49%)
- Yellow (68%)
- Blue (91%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CD7E8 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 7CD7E8 by changing the saturation by 10% instead.



 7CD7E8

 7CD7E8

FFFFFF

 5FBBC6

 B6FFFF

 40A0B0

 D3FFFF

 1B8696

 F1FFFF

 006C7C

 005463

 003C4B

 002634

 000A20

 000004

 7CD7E8

 7CD7E8

 65D3E8

 93DBE8

 4ED0E8

 AADEE8

 36CCE8

 C2E2E8

 1FC8E8

 D9E6E8

 08C5E8

 F0E9E8

 00C3E8

 FFEDE8

 FFF1E8

 FFF4E8

 FFF8E8

# Harmonies

## Analogous

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



83D9CE



7CD7E8



8ED2F9

# Triad

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



7CD7E8



F1B9DF



D7CA95

# Complementary

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



7CD7E8



E88D7C

# 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.



EFC19A



7CD7E8



FEB6C5

# Square

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



7CD7E8



D5C1F4



FDB9AB



BAD19E

# Rectangle

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



7CD7E8



A5CDFE



FDB9AB



E0C795

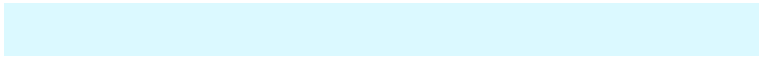


# Sweetspot

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



7CD7E8



DBF9FF



7CE88C



6A7C80



000000



808080

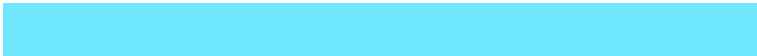


# Same Dimension

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



7CD7E8



70E9FF



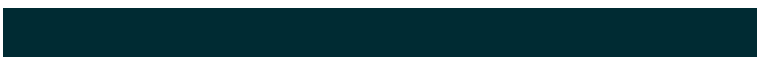
7CA2E8



677173



0096B3



002B33



# Inverse Universe

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



E87CD7



FF70E9



E8C27C



736771



B30096

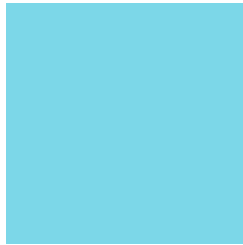


33002B



# Previews

## White Background



This preview shows how the Hex color 7CD7E8 looks on a white background.

## Color Contrast Check

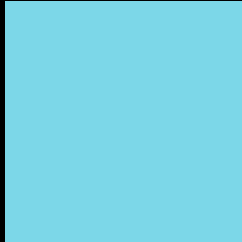
Large Text (above 18pt) WCAG AA × Fail

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 7CD7E8 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 7CD7E8 Background



This preview shows how black text looks on a background with the Hex color 7CD7E8.

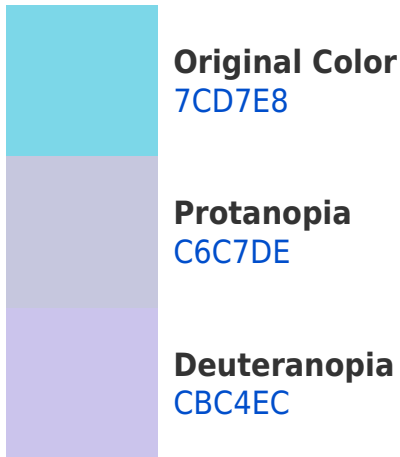


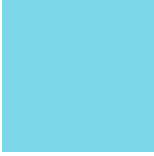
This preview shows how white text looks on a background with the Hex color 7CD7E8.

# 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



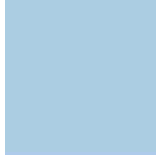


**Tritanopia**  
7CD7E8

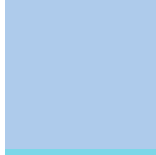
# Trichromacy



**Original Color**  
7CD7E8



**Protanomaly**  
ABCDE2



**Deuteranomaly**  
AECBEB

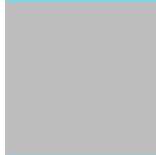


**Tritanomaly**  
7CD7E8

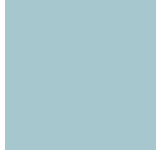
# Monochromacy



**Original Color**  
7CD7E8



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
A6C7CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CD7E8 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 #7CD7E8 looks like.

```
.text, #text, p{  
    color:#7CD7E8  
}
```

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 #7CD7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CD7E8
}
```

## Border

The CSS property to change the border of an element to Hex 7CD7E8 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
#7CD7E8 }
```

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

```
.border{ border-color:#7CD7E8 }
```

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

Here you see how a box with a 4 pixel #7CD7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CD7E8; -webkit-box-shadow:4px 4px  
4px 4px #7CD7E8; box-shadow:4px 4px 4px  
4px #7CD7E8 }
```

# Background

The CSS property to change the background color of an element to Hex 7CD7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CD7E8 }
```

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

```
.background{ background-color:#7CD7E8 }
```

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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