

# Converting Colors

Hex(7CDBE3)

Have a look what the booklet for  
Hex(7CDBE3) contains.

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# **Color**

**Hex(7CDBE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CDBE3
RGB	124, 219, 227
RGB Percent	49%, 86%, 89%
CMY	0.5137, 0.1412, 0.1098
CMYK	0.45, 0.04, 0.00, 0.11
HSL	185°, 65%, 69%
HSV	185°, 45%, 89%
XYZ	47.5088, 60.4942, 81.8456
YIQ	191.5070, -59.1880, -17.6520

# Conversions

## Conversions Part 2

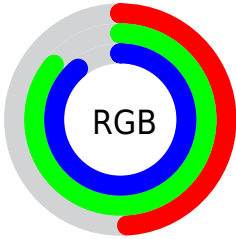
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 173, 227</a>
Decimal	<a href="#">8182755</a>
<a href="#">CIELab</a>	<a href="#">82.11, -26.06, -12.70</a>
<a href="#">CIELCh</a>	<a href="#">82, 28.991, 205.980</a>
<a href="#">Yxy</a>	<a href="#">60.4942, 0.2502, 0.3186</a>
Android (android.graphics.Color)	<a href="#">4286372835</a> ( <a href="#">0xFF7CDBE3</a> )
<a href="#">YUV</a>	<a href="#">191.5070, 17.4980, -59.2036</a>
<a href="#">Hunter-Lab</a>	<a href="#">77.7780, -27.0791, -7.9461</a>

# Details

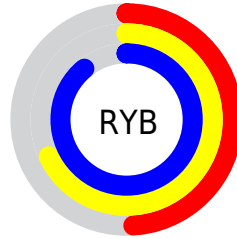
The Hex color **7CDBE3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E3847C**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B6FFFF**, and **40A4AC** is the 20% darker color. If you saturate the color by 10%, you get **65D9E3**, and if you desaturate by 10%, it is **93DDE3**.

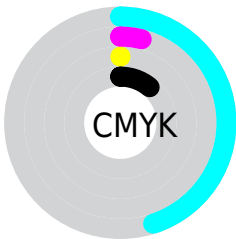
# Distribution



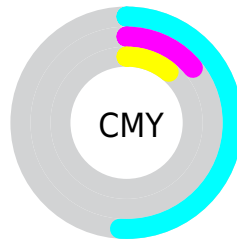
- Red (49%)
- Green (86%)
- Blue (89%)



- Red (49%)
- Yellow (68%)
- Blue (89%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CDBE3 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 7CDBE3 by changing the saturation by 10% instead.



 7CDBE3

 7CDBE3

FFFFFF

 5FBFC7

 B6FFFF

 40A4AC

 D3FFFF

 1B8991

 F1FFFF

 007077

 00575F

 003F47

 002931

 000F1C

 000000

 7CDBE3

 7CDBE3

 65D9E3

 93DDE3

 4FD7E3

 A9DFE3

 38D6E3

 C0E0E3

 21D4E3

 D7E2E3

 0BD2E3

 EEE4E3

 00D1E3

 FFE6E3

 FFE7E3

 FFE9E3

 FFEBE3

# Harmonies

## Analogous

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



8BDBC7



7CDBE3



86D7F8

# Triad

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



7CDBE3



ECBEEB



E4C996

# Complementary

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



7CDBE3



E3847C

# 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.



F9C0A0



7CDBE3



FFB9D1

# Square

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



7CDBE3



CCC7FD



FFBAB6



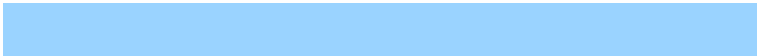
C7D29B

# Rectangle

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



7CDBE3



9AD3FF



FFBAB6



ECC698

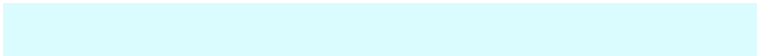


# Sweetspot

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



7CDBE3



DBFCFF



7CE383



6A7E80



000000



808080



# Same Dimension

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



7CDBE3



75F4FF



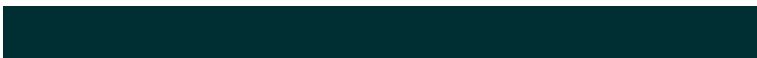
7CA9E3



677273



00A5B3



002F33



# Inverse Universe

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



E37CDB



FF75F4



E3B67C



736772



B300A5

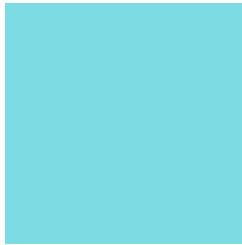


33002F



# Previews

## White Background



This preview shows how the Hex color 7CDBE3 looks on a white background.

## Color Contrast Check

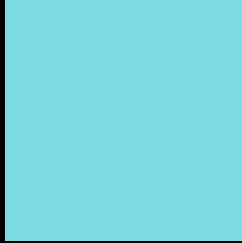
Large Text (above 18pt) WCAG AA × Fail

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 7CDBE3 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 7CDBE3 Background



This preview shows how black text looks on a background with the Hex color 7CDBE3.

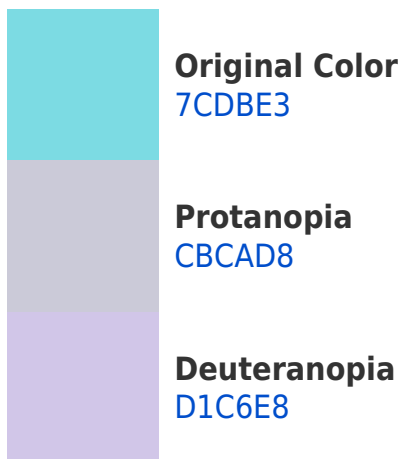


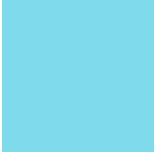
This preview shows how white text looks on a background with the Hex color 7CDBE3.

# 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**  
7FDAEB

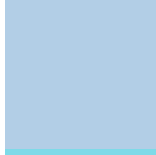
# Trichromacy



**Original Color**  
7CDBE3



**Protanomaly**  
AED0DC



**Deuteranomaly**  
B2CEE6

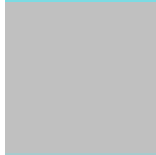


**Tritanomaly**  
7EDAE8

# Monochromacy



**Original Color**  
7CDBE3



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A7CADC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CDBE3 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 #7CDBE3 looks like.

```
.text, #text, p{  
    color:#7CDBE3  
}
```

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 #7CDBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CDBE3
}
```

## Border

The CSS property to change the border of an element to Hex 7CDBE3 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
#7CDBE3 }
```

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

```
.border{ border-color:#7CDBE3 }
```

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

Here you see how a box with a 4 pixel #7CDBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CDBE3; -webkit-box-shadow:4px 4px  
4px 4px #7CDBE3; box-shadow:4px 4px 4px  
4px #7CDBE3 }
```

# Background

The CSS property to change the background color of an element to Hex 7CDBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CDBE3 }
```

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

```
.background{ background-color:#7CDBE3 }
```

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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