

Converting Colors

Hex(7DCCE0)

Have a look what the booklet for
Hex(7DCCE0) contains.

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Color

Hex(7DCCE0)

Conversions

Conversions Part 1

Format	Color
Hex	7DCCE0
RGB	125, 204, 224
RGB Percent	49%, 80%, 88%
CMY	0.5098, 0.2000, 0.1216
CMYK	0.44, 0.09, 0.00, 0.12
HSL	192°, 61%, 68%
HSV	192°, 44%, 88%
XYZ	43.5049, 52.9275, 78.4441
YIQ	182.6590, -53.5040, -10.5280

Conversions

Conversions Part 2

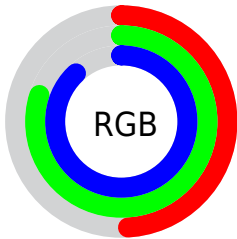
Format	Color
R _{YB}	125, 169, 224
Decimal	8244448
CIE _{Lab}	77.83, -19.12, -17.51
CIE _{LCh}	78, 25.926, 222.495
Y _{xy}	52.9275, 0.2488, 0.3027
Android (android.graphics.Color)	4286434528 (0xFF7DCCE0)
YUV	182.6590, 20.3811, -50.5669
Hunter-Lab	72.7513, -20.5728, -13.0035

Details

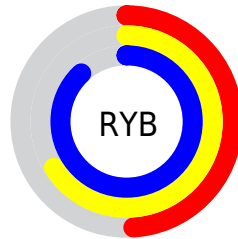
The Hex color **7DCCE0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0917D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B6FFFF**, and **4496A9** is the 20% darker color. If you saturate the color by 10%, you get **67C7E0**, and if you desaturate by 10%, it is **93D1E0**.

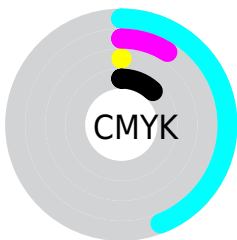
Distribution



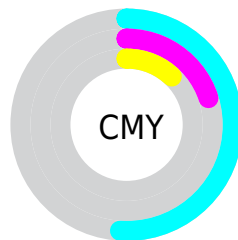
- Red (49%)
- Green (80%)
- Blue (88%)



- Red (49%)
- Yellow (66%)
- Blue (88%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DCCE0 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 7DCCE0 by changing the saturation by 10% instead.

 7DCCE0

 7DCCE0

FFFFFF

 61B0C4

 B6FFFF

 4496A9

 D3FFFF

 237C8E

 F1FFFF

 006375

 004B5C

 003444

 001F2E

 00011A

 000000

 7DCCE0

 7DCCE0

 67C7E0

 93D1E0

 50C3E0

 AAD5E0

 3ABEE0

 C0DAE0

 23BAE0

 D7DEE0

 0DB5E0

 EDE3E0

 00B3E0

 FFE7E0

 FFECE0

 FFF0E0

 FFF5E0

Harmonies

Analogous

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



7FCECA



7DCCE0



91C7EE

Triad

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



7DCCE0



E8B1CF



C8C291

Complementary

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



7DCCE0



E0917D

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.



DFBA93



7DCCE0



F1AFB7

Square

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



7DCCE0



D1B7E4



EEB3A1



ADC99C

Rectangle

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



7DCCE0



A6C2F0



EEB3A1



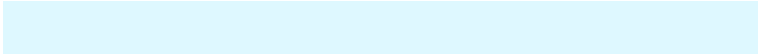
D0BF90

Sweetspot

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



7DCCE0



DEF8FF



7DE091



6B7B80



000000



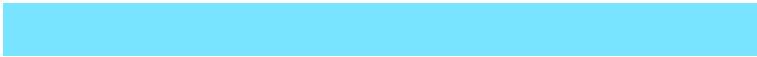
808080

Same Dimension

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



7DCCE0



78E4FF



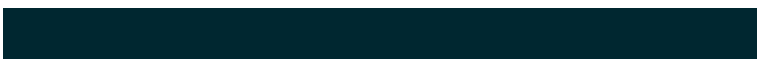
7D9BE0



656E70



008CB0



002730

Inverse Universe

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



E07DCC



FF78E4



E0C27D



70656E



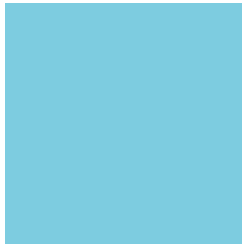
B0008C



300027

Previews

White Background



This preview shows how the Hex color 7DCCE0 looks on a white background.

Color Contrast Check

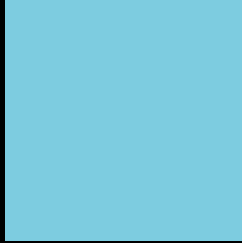
Large Text (above 18pt) WCAG AA × Fail

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 7DCCE0 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 7DCCE0 Background



This preview shows how black text looks on a background with the Hex color 7DCCE0.

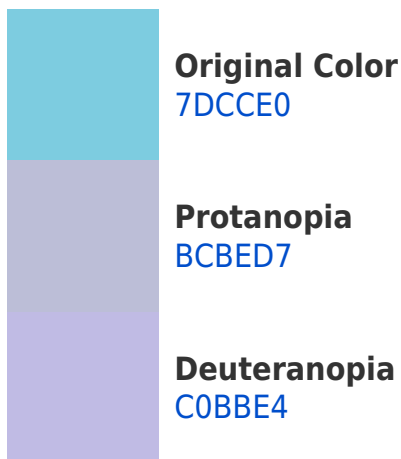


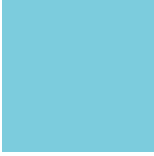
This preview shows how white text looks on a background with the Hex color 7DCCE0.

Color Blindness Simulation

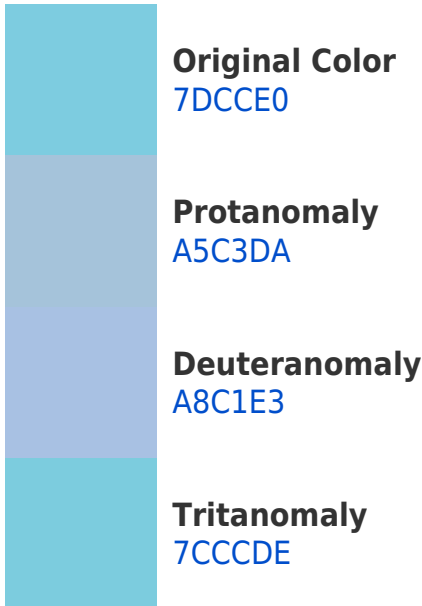
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DCCE0 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 #7DCCE0 looks like.

```
.text, #text, p{
  color:#7DCCE0
}
```

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 #7DCCE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DCCE0
}
```

Border

The CSS property to change the border of an element to Hex 7DCCE0 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
#7DCCE0 }
```

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

```
.border{ border-color:#7DCCE0 }
```

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

Here you see how a box with a 4 pixel #7DCCE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DCCE0; -webkit-box-shadow:4px 4px  
4px 4px #7DCCE0; box-shadow:4px 4px 4px  
4px #7DCCE0 }
```

Background

The CSS property to change the background color of an element to Hex 7DCCE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DCCE0 }
```

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

```
.background{ background-color:#7DCCE0 }
```

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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