

Converting Colors

Hex(7CD9DE)

Have a look what the booklet for
Hex(7CD9DE) contains.

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Color

Hex(7CD9DE)

Conversions

Conversions Part 1

Format	Color
Hex	7CD9DE
RGB	124, 217, 222
RGB Percent	49%, 85%, 87%
CMY	0.5137, 0.1490, 0.1294
CMYK	0.44, 0.02, 0.00, 0.13
HSL	183°, 60%, 68%
HSV	183°, 44%, 87%
XYZ	46.3099, 59.1847, 78.0902
YIQ	189.7630, -57.0330, -18.1610

Conversions

Conversions Part 2

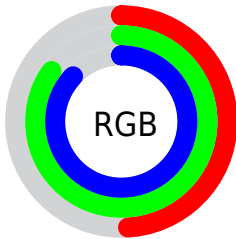
Format	Color
RYB	124, 172, 222
Decimal	8182238
CIELab	81.39, -26.35, -11.10
CIElCh	81, 28.598, 202.847
Yxy	59.1847, 0.2523, 0.3224
Android (android.graphics.Color)	4286372318 (0xFF7CD9DE)
YUV	189.7630, 15.8928, -57.6742
Hunter-Lab	76.9316, -27.1802, -6.3308

Details

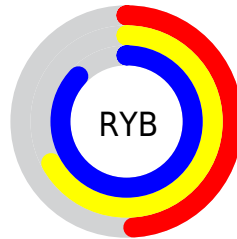
The Hex color **7CD9DE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE817C**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B6FFFF**, and **41A2A7** is the 20% darker color. If you saturate the color by 10%, you get **66D8DE**, and if you desaturate by 10%, it is **92DADE**.

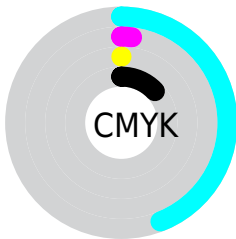
Distribution



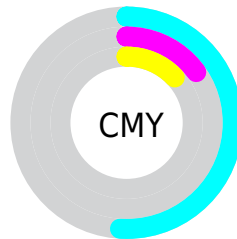
- Red (49%)
- Green (85%)
- Blue (87%)



- Red (49%)
- Yellow (67%)
- Blue (87%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CD9DE 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 7CD9DE by changing the saturation by 10% instead.

 7CD9DE

 7CD9DE

FFFFFF

 5FBDC2

 B6FFFF

 41A2A7

 D3FFFF

 1E878D

 F0FFFF

 006E73

 00555B

 003D43

 00272D

 000B19

 000000

 7CD9DE

 7CD9DE

 66D8DE

 92DADE

 50D7DE

 A8DBDE

 39D6DE

 BFDCDE

 23D4DE

 D5DEDE

 0DD3DE

 EBDFFE

 00D3DE

 FFE0DE

 FFE1DE

 FFE2DE

 FFE3DE

Harmonies

Analogous

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



8DD9C3



7CD9DE



83D5F4

Triad

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



7CD9DE



E7BDEB



E4C695

Complementary

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



7CD9DE



DE817C

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.



F8BEA1



7CD9DE



FBB7D2

Square

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



7CD9DE



C6C6FB



FFB8B7



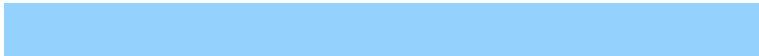
C8CF99

Rectangle

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



7CD9DE



95D1FD



FFB8B7



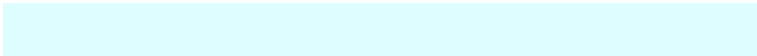
ECC398

Sweetspot

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



7CD9DE



DEFDFF



7CDE81



6B7E80



000000



808080

Same Dimension

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



7CD9DE



78F8FF



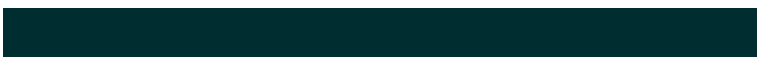
7CA8DE



657070



00A7B0



002E30

Inverse Universe

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



DE7CD9



FF78F8



DEB27C



706570



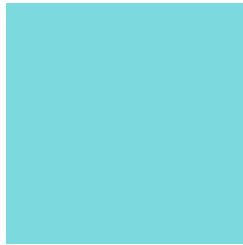
B000A7



30002E

Previews

White Background



This preview shows how the Hex color 7CD9DE looks on a white background.

Color Contrast Check

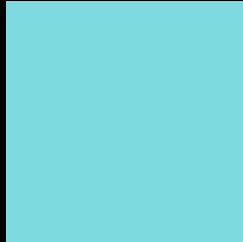
Large Text (above 18pt) WCAG AA × Fail

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 7CD9DE 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 7CD9DE Background



This preview shows how black text looks on a background with the Hex color 7CD9DE.

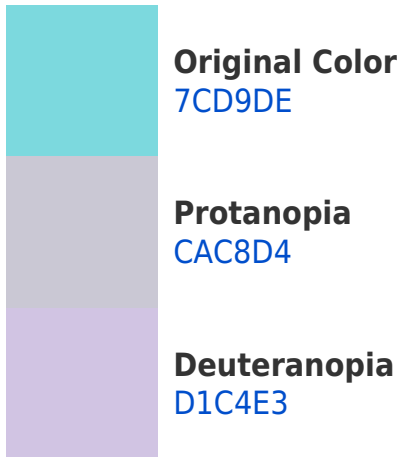


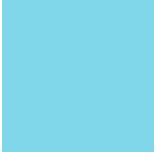
This preview shows how white text looks on a background with the Hex color 7CD9DE.

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
7FD7E9

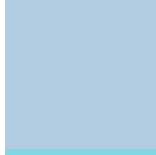
Trichromacy



Original Color
7CD9DE



Protanomaly
AECED8



Deuteranomaly
B2CCE1

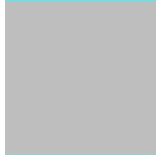


Tritanomaly
7ED8E5

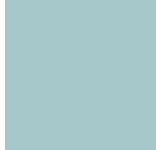
Monochromacy



Original Color
7CD9DE



Achromatopsia
BEBEBE



Achromatomaly
A6C8CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CD9DE 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 #7CD9DE looks like.

```
.text, #text, p{  
    color:#7CD9DE  
}
```

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 #7CD9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CD9DE
}
```

Border

The CSS property to change the border of an element to Hex 7CD9DE 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
#7CD9DE }
```

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

```
.border{ border-color:#7CD9DE }
```

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

Here you see how a box with a 4 pixel #7CD9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CD9DE; -webkit-box-shadow:4px 4px  
4px 4px #7CD9DE; box-shadow:4px 4px 4px  
4px #7CD9DE }
```

Background

The CSS property to change the background color of an element to Hex 7CD9DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CD9DE }
```

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

```
.background{ background-color:#7CD9DE }
```

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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