

Converting Colors

Hex(78CDCE)

Have a look what the booklet for
Hex(78CDCE) contains.

Hex(78CDCE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78CDCE)

Conversions

Conversions Part 1

Format	Color
Hex	78CDCE
RGB	120, 205, 206
RGB Percent	47%, 80%, 81%
CMY	0.5294, 0.1961, 0.1922
CMYK	0.42, 0.00, 0.00, 0.19
HSL	181°, 47%, 64%
HSV	181°, 42%, 81%
XYZ	40.7176, 52.1119, 66.3051
YIQ	179.6990, -50.9810, -17.7090

Conversions

Conversions Part 2

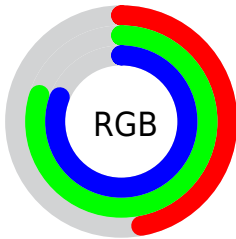
Format	Color
RYB	120, 163, 206
Decimal	7917006
CIELab	77.35, -25.44, -8.58
CIELCh	77, 26.846, 198.633
Yxy	52.1119, 0.2559, 0.3275
Android (android.graphics.Color)	4286107086 (0xFF78CDCE)
YUV	179.6990, 12.9664, -52.3560
Hunter-Lab	72.1886, -25.6480, -3.9257

Details

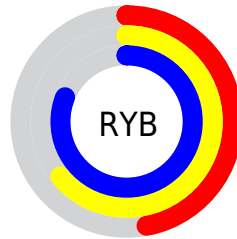
The Hex color **78CDCE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE7978**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B1FFFF**, and **3F9698** is the 20% darker color. If you saturate the color by 10%, you get **63CDCE**, and if you desaturate by 10%, it is **8DCDCE**.

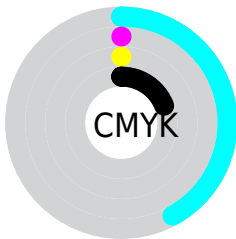
Distribution



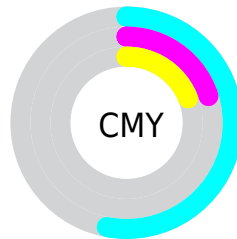
- Red (47%)
- Green (80%)
- Blue (81%)



- Red (47%)
- Yellow (64%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78CDCE 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 78CDCE by changing the saturation by 10% instead.

 78CDCE

 78CDCE

FFFFFF

 5CB1B3

 B1FFFF

 3F9698

 CDFFFF

 1E7C7E

 EBFFFF

 006365

 004B4D

 003436

 002021

 00000A

 000000

 78CDCE

 78CDCE

 63CDCE

 8DCDCE

 4FCDCE

 A1CDCE

 3ACCCE

 B6CECE

 26CCCE

 CACECE

 11CCCE

 DFCECE

 00CCCE

 F4CECE

 FFCFCE

Harmonies

Analogous

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



8ACCB4



78CDCE



7BCAE4

Triad

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



78CDCE



D6B4E0



DABA8F

Complementary

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



78CDCE



CE7978

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.



ECB29B



78CDCE



EBAECA

Square

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



78CDCE



B6BCEE



F2AEBO



C1C290

Rectangle

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



78CDCE



8AC7ED



F2AEB0



E1B791

Sweetspot

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



78CDCE



DEFFFF



78CE78



6B7F80



000000



808080

Same Dimension

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



78CDCE



80FEFF



78A3CE



5C6666



00A4A6



002626

Inverse Universe

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



CE78CD



FF80FE



CEA378



665C66



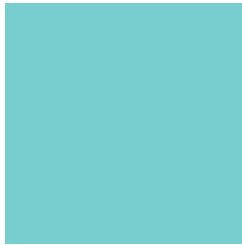
A600A4



260026

Previews

White Background



This preview shows how the Hex color 78CDCE looks on a white background.

Color Contrast Check

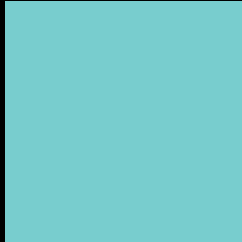
Large Text (above 18pt) WCAG AA × Fail

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 78CDCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

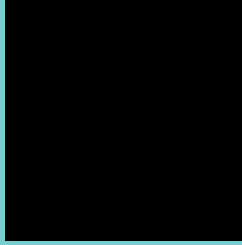
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

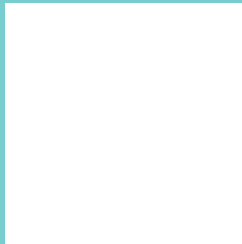
Any Text WCAG AAA ✓ Pass

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

Hex 78CDCE Background



This preview shows how black text looks on a background with the Hex color 78CDCE.

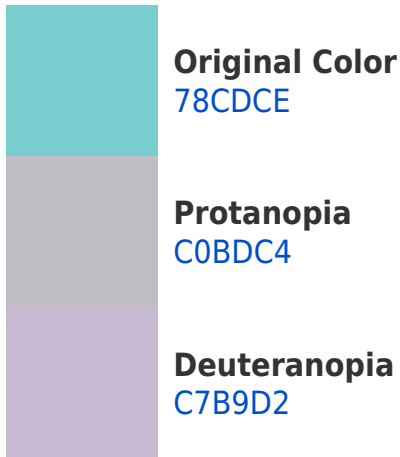


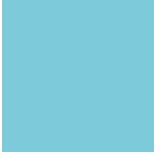
This preview shows how white text looks on a background with the Hex color 78CDCE.

Color Blindness Simulation

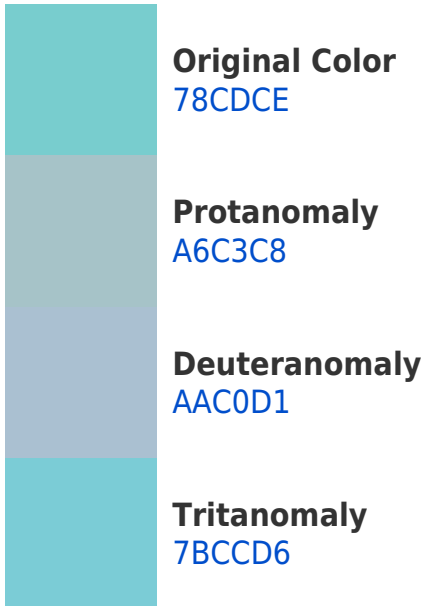
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78CDCE 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 #78CDCE looks like.

```
.text, #text, p{  
    color:#78CDCE  
}
```

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 #78CDCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78CDCE
}
```

Border

The CSS property to change the border of an element to Hex 78CDCE 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
#78CDCE }
```

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

```
.border{ border-color:#78CDCE }
```

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

Here you see how a box with a 4 pixel #78CDCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78CDCE; -webkit-box-shadow:4px 4px  
4px 4px #78CDCE; box-shadow:4px 4px 4px  
4px #78CDCE }
```

Background

The CSS property to change the background color of an element to Hex 78CDCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78CDCE }
```

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

```
.background{ background-color:#78CDCE }
```

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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