

# Converting Colors

Hex(78CDA7)

Have a look what the booklet for  
Hex(78CDA7) contains.

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**Color**

**Hex(78CDA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78CDA7
RGB	120, 205, 167
RGB Percent	47%, 80%, 65%
CMY	0.5294, 0.1961, 0.3451
CMYK	0.41, 0.00, 0.19, 0.20
HSL	153°, 46%, 64%
HSV	153°, 41%, 80%
XYZ	36.5521, 50.4457, 44.3697
YIQ	175.2530, -38.4620, -29.8380

# Conversions

## Conversions Part 2

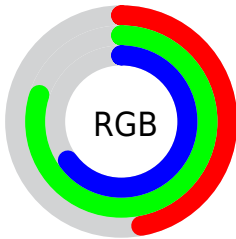
Format	Color
<a href="#">RYB</a>	<a href="#">120, 175, 205</a>
Decimal	<a href="#">7916967</a>
CIELab	<a href="#">76.34, -34.42, 10.93</a>
CIELCh	<a href="#">76, 36.117, 162.378</a>
Yxy	<a href="#">50.4457, 0.2782, 0.3840</a>
Android (android.graphics.Color)	<a href="#">4286107047</a> ( <a href="#">0xFF78CDA7</a> )
YUV	<a href="#">175.2530, -4.0687, -48.4569</a>
Hunter-Lab	<a href="#">71.0252, -32.4315, 12.6789</a>

# Details

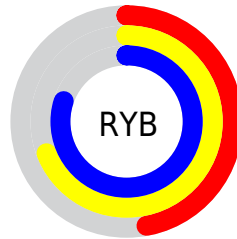
The Hex color **78CDA7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD789E**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B0FFDE**, and **419673** is the 20% darker color. If you saturate the color by 10%, you get **64CD9E**, and if you desaturate by 10%, it is **8CCDB0**.

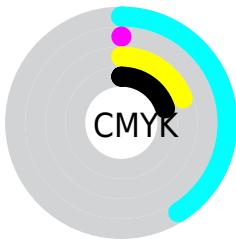
# Distribution



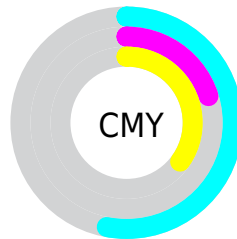
- Red (47%)
- Green (80%)
- Blue (65%)



- Red (47%)
- Yellow (69%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78CDA7 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 78CDA7 by changing the saturation by 10% instead.



 78CDA7

 78CDA7

FFFFFF

 5DB18D

 B0FFDE

 419673

 CCFFFB

 237C5A

 E9FFFF

 006343

 004A2D

 003318

 001E00

 000000

 78CDA7

 78CDA7

 64CD9E

 8CCDB0

 4FCD95

 A1CDB9

 3ACD8C

 B5CDC2

 26CD82

 CACDCC

 11CD79

 DECDD5

 00CD71

 F3CDDE

 FFCDE7

 FFCDF0

 FFCDF9

# Harmonies

## Analogous

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



A0C88A



78CDA7



52CFC9

# Triad

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



78CDA7



A4BBFD



F9A991

# Complementary

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



78CDA7



CD789E

# 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.



FEA3B0



78CDA7



D2AFEE

# Square

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



78CDA7



70C5FB



F1A5D1



E4B37D

# Rectangle

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



78CDA7



46CDDF



F1A5D1



FDA69A

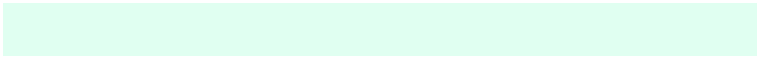


# Sweetspot

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



78CDA7



E0FFF1



9ECD78



6E8078



000000



808080

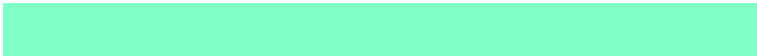


# Same Dimension

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



78CDA7



80FFC6



78C9CD



5C6661



00A65C



002615



# Inverse Universe

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



CD789E



FF80B9



CD7C78



665C60



A6004A



260011



# Previews

## White Background



This preview shows how the Hex color 78CDA7 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 78CDA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

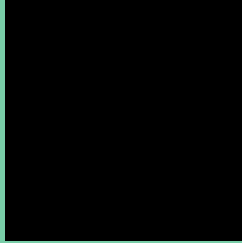
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78CDA7 Background



This preview shows how black text looks on a background with the Hex color 78CDA7.

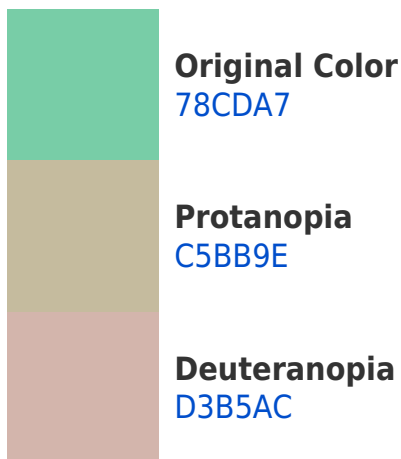


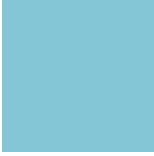
This preview shows how white text looks on a background with the Hex color 78CDA7.

# 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**  
84C6D6

# Trichromacy



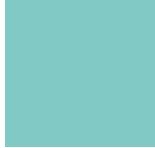
**Original Color**  
78CDA7



**Protanomaly**  
A9C2A1



**Deuteranomaly**  
B2BEAA



**Tritanomaly**  
80C9C5

# Monochromacy



**Original Color**  
78CDA7



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
9BBAAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78CDA7 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 #78CDA7 looks like.

```
.text, #text, p{  
    color:#78CDA7  
}
```

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 #78CDA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78CDA7  
}
```

## Border

The CSS property to change the border of an element to Hex 78CDA7 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  
#78CDA7 }
```

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

```
.border{ border-color:#78CDA7 }
```

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

Here you see how a box with a 4 pixel #78CDA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78CDA7; -webkit-box-shadow:4px 4px  
4px 4px #78CDA7; box-shadow:4px 4px 4px  
4px #78CDA7 }
```

# Background

The CSS property to change the background color of an element to Hex 78CDA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78CDA7 }
```

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

```
.background{ background-color:#78CDA7 }
```

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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