

# Converting Colors

Hex(7CEDB2)

Have a look what the booklet for  
Hex(7CEDB2) contains.

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# **Color**

**Hex(7CEDB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CEDB2
RGB	124, 237, 178
RGB Percent	49%, 93%, 70%
CMY	0.5137, 0.0706, 0.3020
CMYK	0.48, 0.00, 0.25, 0.07
HSL	149°, 76%, 71%
HSV	149°, 48%, 93%
XYZ	46.6322, 68.0678, 52.8001
YIQ	196.4870, -48.4090, -42.3050

# Conversions

## Conversions Part 2

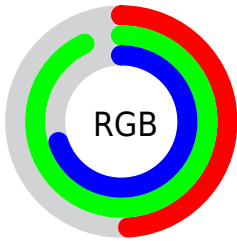
Format	Color
<a href="#">RYB</a>	<a href="#">124, 200, 237</a>
Decimal	<a href="#">8187314</a>
CIELab	<a href="#">86.04, -45.48, 18.80</a>
CIELCh	<a href="#">86, 49.209, 157.536</a>
Yxy	<a href="#">68.0678, 0.2784, 0.4064</a>
Android (android.graphics.Color)	<a href="#">4286377394</a> ( <a href="#">0xFF7CEDB2</a> )
YUV	<a href="#">196.4870, -9.1141, -63.5711</a>
Hunter-Lab	<a href="#">82.5032, -43.4893, 19.8081</a>

# Details

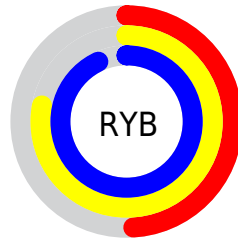
The Hex color **7CEDB2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **ED7CB7**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **B6FFEA**, and **40B47D** is the 20% darker color. If you saturate the color by 10%, you get **64EDA6**, and if you desaturate by 10%, it is **94EDBE**.

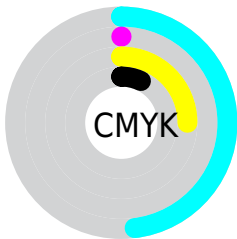
# Distribution



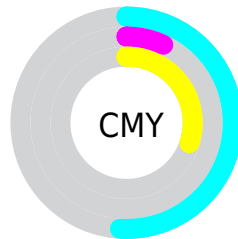
- Red (49%)
- Green (93%)
- Blue (70%)



- Red (49%)
- Yellow (78%)
- Blue (93%)



- Cyan (48%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CEDB2 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 7CEDB2 by changing the saturation by 10% instead.



 7CEDB2

 7CEDB2

FFFFFF

 5FD097

 B6FFEA

 40B47D

 D3FFFF

 1B9964

 F1FFFF

 007E4C

 006535

 004C1F

 003408

 001D00

 000000

 7CEDB2

 7CEDB2

 64EDA6

 94EDBE

 4DED99

 ABEDCB

 35ED8D

 C3EDD7

 1DED81

 DBEDE3

 06ED74

 F3EDF0

 00ED71

 FFEDFC

 FFEDFF

# Harmonies

## Analogous

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



B7E58B



7CEDB2



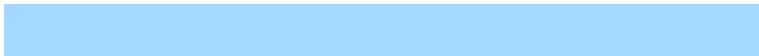
21F0E2

# Triad

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



7CEDB2



A5D8FF



FFB9A1

# Complementary

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



7CEDB2



ED7CB7

# 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.



FFB2CD



7CEDB2



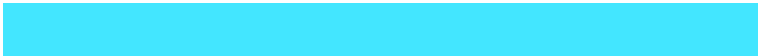
ECC7FF

# Square

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



7CEDB2



43E6FF



FFB8FC



FFC882

# Rectangle

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



7CEDB2



00EFFF



FFB8FC



FFB5AF

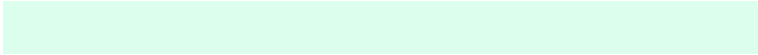


# Sweetspot

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



7CEDB2



DBFFEC



B8ED7C



6A8074



000000



808080



# Same Dimension

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



7CEDB2



6EFFB3



7CEDE9



6A756F



00B557



00361A



# Inverse Universe

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



ED7CB7



FF6EBA



ED7C80



756A70



B5005F

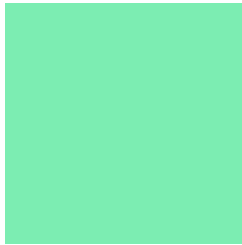


36001C



# Previews

## White Background



This preview shows how the Hex color 7CEDB2 looks on a white background.

## Color Contrast Check

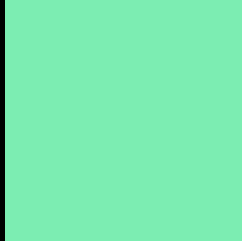
Large Text (above 18pt) WCAG AA × Fail

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 7CEDB2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

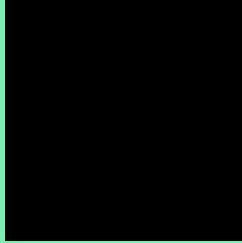
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CEDB2 Background



This preview shows how black text looks on a background with the Hex color 7CEDB2.

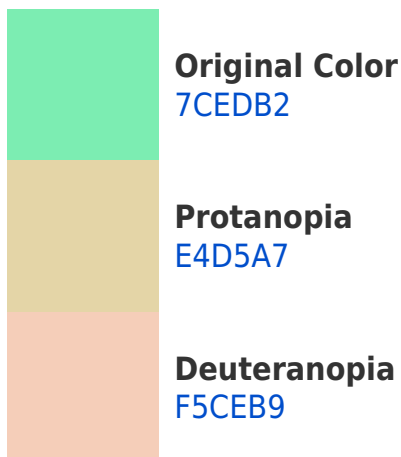


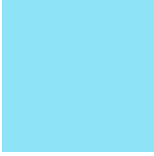
This preview shows how white text looks on a background with the Hex color 7CEDB2.

# 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**  
8EE4F6

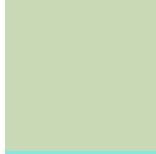
# Trichromacy



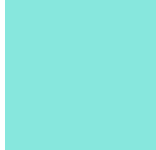
**Original Color**  
7CEDB2



**Protanomaly**  
BEDEAB

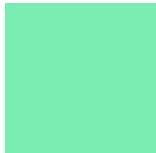


**Deuteranomaly**  
C9D9B6

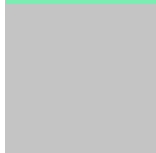


**Tritanomaly**  
87E7DD

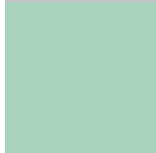
# Monochromacy



**Original Color**  
7CEDB2



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
AAD3BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CEDB2 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 #7CEDB2 looks like.

```
.text, #text, p{  
    color:#7CEDB2  
}
```

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 #7CEDB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CEDB2
}
```

## Border

The CSS property to change the border of an element to Hex 7CEDB2 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
#7CEDB2 }
```

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

```
.border{ border-color:#7CEDB2 }
```

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

Here you see how a box with a 4 pixel #7CEDB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CEDB2; -webkit-box-shadow:4px 4px  
4px 4px #7CEDB2; box-shadow:4px 4px 4px  
4px #7CEDB2 }
```

# Background

The CSS property to change the background color of an element to Hex 7CEDB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CEDB2 }
```

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

```
.background{ background-color:#7CEDB2 }
```

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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