

# Converting Colors

Hex(7CEDC4)

Have a look what the booklet for  
Hex(7CEDC4) contains.

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# Color

**Hex(7CEDC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CEDC4
RGB	124, 237, 196
RGB Percent	49%, 93%, 77%
CMY	0.5137, 0.0706, 0.2314
CMYK	0.48, 0.00, 0.17, 0.07
HSL	158°, 76%, 71%
HSV	158°, 48%, 93%
XYZ	48.5602, 68.8390, 62.9524
YIQ	198.5390, -54.1870, -36.7070

# Conversions

## Conversions Part 2

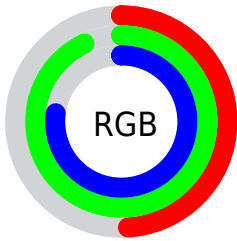
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 193, 237
Decimal	8187332
CIELab	86.42, -41.77, 9.98
CIELCh	86, 42.944, 166.564
Yxy	68.8390, 0.2693, 0.3817
Android (android.graphics.Color)	4286377412 (0xFF7CEDC4)
YUV	198.5390, -1.2517, -65.3707
Hunter-Lab	82.9693, -40.7239, 13.0926

# Details

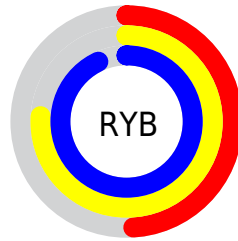
The Hex color **7CEDC4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **ED7CA5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B6FFFD**, and **40B48E** is the 20% darker color. If you saturate the color by 10%, you get **64EDBB**, and if you desaturate by 10%, it is **94EDCD**.

# Distribution



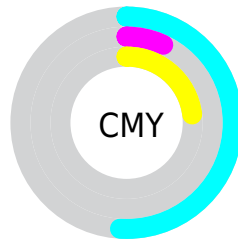
- Red (49%)
- Green (93%)
- Blue (77%)



- Red (49%)
- Yellow (76%)
- Blue (93%)



- Cyan (48%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CEDC4 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 7CEDC4 by changing the saturation by 10% instead.



 7CEDC4

FFFFFF

 B6FFFD

 D4FFFF

 F1FFFF

 7CEDC4

 5FD0A9

 40B48E

 1A9975

 007F5C

 006544

 004C2E

 003419

 001F00

 000000

 7CEDC4

 7CEDC4

 64EDBB

 94EDCD

 4DEDB3

 ABEDD5

 35EDAA

 C3EDDE

 1DEDA2

 DBEDE6

 06ED99

 F3EDEF

 00ED97

 FFEDF8

 FFEDFF

# Harmonies

## Analogous

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



AFE79F



7CEDC4



48EEEE

# Triad

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



7CEDC4



C3D4FF



FFC29F

# Complementary

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



7CEDC4



ED7CA5

# 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.



FFB9C3



7CEDC4



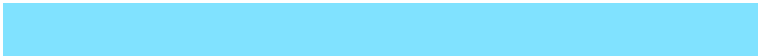
F9C6FF

# Square

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



7CEDC4



80E2FF



FFBBEC



FFCF89

# Rectangle

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



7CEDC4



3AECFF



FFBBEC



FFBEAA

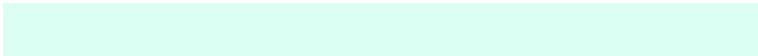


# Sweetspot

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



7CEDC4



DBFFF2



A5ED7C



6A8078



000000



808080



# Same Dimension

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



7CEDC4



6EFFCA



7CDEED



6A7571



00B573



003622



# Inverse Universe

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



ED7CA5



FF6EA2



ED8B7C



756A6E



B50042

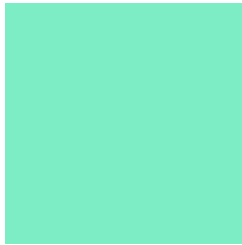


360013



# Previews

## White Background



This preview shows how the Hex color 7CEDC4 looks on a white background.

## Color Contrast Check

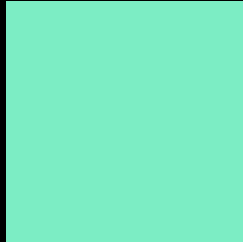
Large Text (above 18pt) WCAG AA × Fail

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 7CEDC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

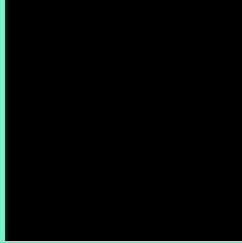
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CEDC4 Background



This preview shows how black text looks on a background with the Hex color 7CEDC4.

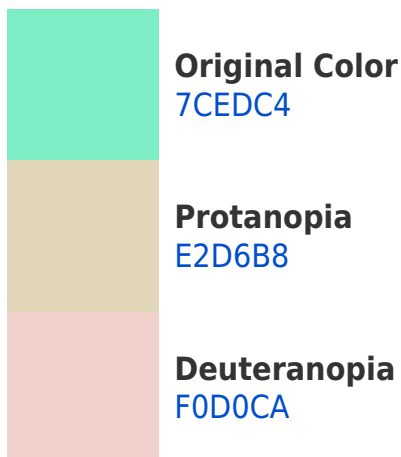


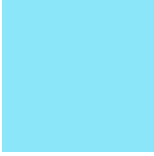
This preview shows how white text looks on a background with the Hex color 7CEDC4.

# 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**  
8AE6F8

# Trichromacy



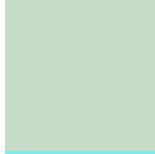
**Original Color**

7CEDC4



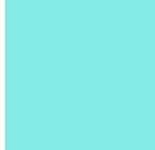
**Protanomaly**

BDDEBC



**Deuteranomaly**

C6DBC8



**Tritanomaly**

85E9E5

# Monochromacy



**Original Color**

7CEDC4



**Achromatopsia**

C7C7C7



**Achromatomaly**

ACD5C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CEDC4 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 #7CEDC4 looks like.

```
.text, #text, p{  
    color:#7CEDC4  
}
```

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 #7CEDC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CEDC4
}
```

## Border

The CSS property to change the border of an element to Hex 7CEDC4 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
#7CEDC4 }
```

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

```
.border{ border-color:#7CEDC4 }
```

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

Here you see how a box with a 4 pixel #7CEDC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CEDC4; -webkit-box-shadow:4px 4px  
4px 4px #7CEDC4; box-shadow:4px 4px 4px  
4px #7CEDC4 }
```

# Background

The CSS property to change the background color of an element to Hex 7CEDC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CEDC4 }
```

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

```
.background{ background-color:#7CEDC4 }
```

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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