

Converting Colors

Hex(7CEDB3)

Have a look what the booklet for
Hex(7CEDB3) contains.

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Color

Hex(7CEDB3)

Conversions

Conversions Part 1

Format	Color
Hex	7CEDB3
RGB	124, 237, 179
RGB Percent	49%, 93%, 70%
CMY	0.5137, 0.0706, 0.2980
CMYK	0.48, 0.00, 0.24, 0.07
HSL	149°, 76%, 71%
HSV	149°, 48%, 93%
XYZ	46.7331, 68.1081, 53.3309
YIQ	196.6010, -48.7300, -41.9940

Conversions

Conversions Part 2

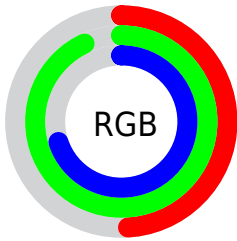
Format	Color
RYB	124, 200, 237
Decimal	8187315
CIELab	86.06, -45.28, 18.31
CIELCh	86, 48.841, 157.979
Yxy	68.1081, 0.2779, 0.4050
Android (android.graphics.Color)	4286377395 (0xFF7CEDB3)
YUV	196.6010, -8.6773, -63.6711
Hunter-Lab	82.5277, -43.3439, 19.4550

Details

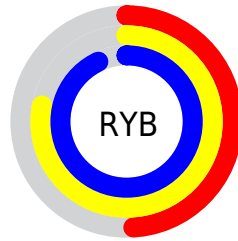
The Hex color **7CEDB3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **ED7CB6**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **B6FFEB**, and **40B47E** is the 20% darker color. If you saturate the color by 10%, you get **64EDA7**, and if you desaturate by 10%, it is **94EDBF**.

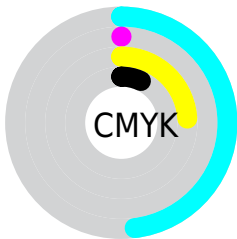
Distribution



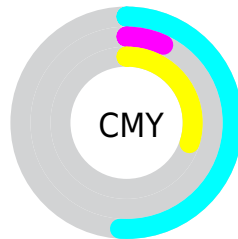
- Red (49%)
- Green (93%)
- Blue (70%)



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



- Cyan (48%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7CEDB3 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 7CEDB3 by changing the saturation by 10% instead.

 7CEDB3

 7CEDB3

FFFFFF

 5FD098

 B6FFEB

 40B47E

 D3FFFF

 1B9965

 F1FFFF

 007E4D

 006536

 004C20

 00340A

 001D00

 000000

 7CEDB3

 7CEDB3

 64EDA7

 94EDBF

 4DED9B

 ABEDCB

 35ED8F

 C3EDD7

 1DED82

 DBEDE4

 06ED76

 F3EDF0

 00ED73

 FFEDFC

 FFEDFF

Harmonies

Analogous

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



B7E58C



7CEDB3



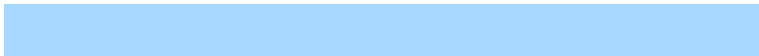
24F0E3

Triad

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



7CEDB3



A6D8FF



FFBAA1

Complementary

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



7CEDB3



ED7CB6

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.



FFB2CC



7CEDB3



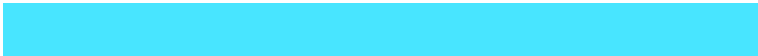
ECC7FF

Square

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



7CEDB3



48E5FF



FFB8FB



FFC982

Rectangle

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



7CEDB3



00EFFF



FFB8FB



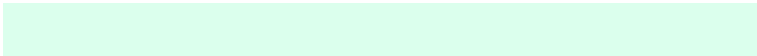
FFB6AE

Sweetspot

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



7CEDB3



DBFFED



B6ED7C



6A8074



000000



808080

Same Dimension

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



7CEDB3



6EFFB4



7CEDEB



6A756F



00B558



00361A

Inverse Universe

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



ED7CB6



FF6EB8



ED7C7E



756A70



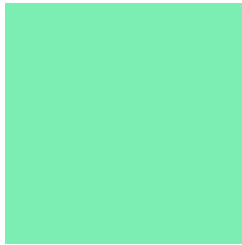
B5005D



36001B

Previews

White Background



This preview shows how the Hex color 7CEDB3 looks on a white background.

Color Contrast Check

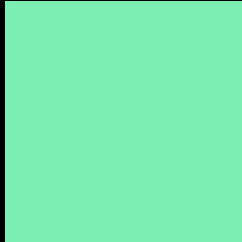
Large Text (above 18pt) WCAG AA × Fail

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 7CEDB3 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 7CEDB3 Background



This preview shows how black text looks on a background with the Hex color 7CEDB3.

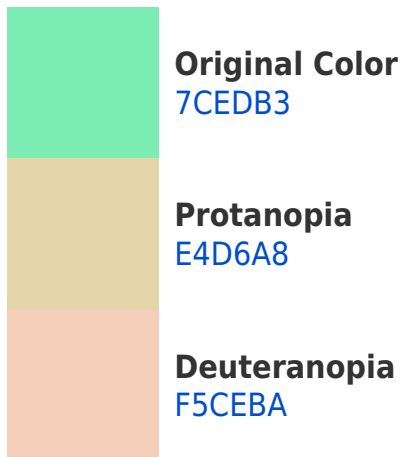


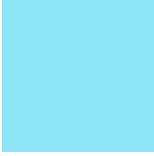
This preview shows how white text looks on a background with the Hex color 7CEDB3.

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



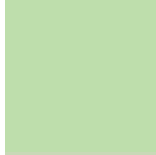


Tritanopia
8DE4F6

Trichromacy



Original Color
7CEDB3



Protanomaly
BEDEAC



Deuteranomaly
C9D9B7



Tritanomaly
87E7DE

Monochromacy



Original Color
7CEDB3



Achromatopsia
C5C5C5



Achromatomaly
AAD4BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CEDB3 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 #7CEDB3 looks like.

```
.text, #text, p{  
    color:#7CEDB3  
}
```

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 #7CEDB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CEDB3
}
```

Border

The CSS property to change the border of an element to Hex 7CEDB3 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
#7CEDB3 }
```

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

```
.border{ border-color:#7CEDB3 }
```

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

Here you see how a box with a 4 pixel #7CEDB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CEDB3; -webkit-box-shadow:4px 4px  
4px 4px #7CEDB3; box-shadow:4px 4px 4px  
4px #7CEDB3 }
```

Background

The CSS property to change the background color of an element to Hex 7CEDB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CEDB3 }
```

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

```
.background{ background-color:#7CEDB3 }
```

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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