

# Converting Colors

Hex(4CEDCB)

Have a look what the booklet for  
Hex(4CEDCB) contains.

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

# Color

Hex(4CEDCB)

# Conversions

## Conversions Part 1

Format	Color
Hex	4CEDCB
RGB	76, 237, 203
RGB Percent	30%, 93%, 80%
CMY	0.7020, 0.0706, 0.2039
CMYK	0.68, 0.00, 0.14, 0.07
HSL	167°, 82%, 61%
HSV	167°, 68%, 93%
XYZ	44.0442, 66.4167, 66.9982
YIQ	184.9850, -85.0420, -44.7060

# Conversions

## Conversions Part 2

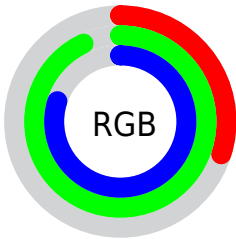
Format	Color
<a href="#">RYB</a>	<a href="#">76, 166, 237</a>
Decimal	<a href="#">5041611</a>
CIELab	<a href="#">85.21, -49.32, 4.39</a>
CIElCh	<a href="#">85, 49.519, 174.917</a>
Yxy	<a href="#">66.4167, 0.2482, 0.3743</a>
Android (android.graphics.Color)	<a href="#">4283231691 (0xFF4CEDCB)</a>
YUV	<a href="#">184.9850, 8.8814, -95.5798</a>
Hunter-Lab	<a href="#">81.4964, -46.1497, 8.3052</a>

# Details

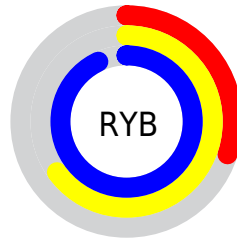
The Hex color **4CEDCB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **ED4C6E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8FFFFFF**, and **00B495** is the 20% darker color. If you saturate the color by 10%, you get **34EDC6**, and if you desaturate by 10%, it is **64EDD0**.

# Distribution



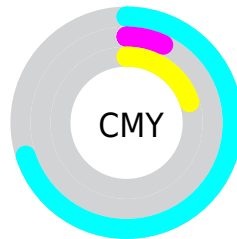
- Red (30%)
- Green (93%)
- Blue (80%)



- Red (30%)
- Yellow (65%)
- Blue (93%)



- Cyan (68%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (70%)
- Magenta (7%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CEDCB 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 4CEDCB by changing the saturation by 10% instead.



 4CEDCB

FFFFFF

 8FFFFFF

 AEFFFF

 CDFFFF

 ECFFFF

 4CEDCB

 1CD0B0

 00B495

 00997B

 007E62

 00644B

 004B34

 00331F

 001B07

 000000

 4CEDCB

 4CEDCB

 34EDC6

 64EDD0

 1DEDC1

 7BEDD5

 05EDBC

 93EDDA

 00EDBB

 ABEDDF

 C3EDE4

 DAEDE9

 F2EDEE

 FFEDF3

 FFEDF8

# Harmonies

## Analogous

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



94E89D



4CEDCB



00EDFB

# Triad

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



4CEDCB



CECCFF



FFBF8A

# Complementary

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



4CEDCB



ED4C6E

# 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.



FFB2B0



4CEDCB



FFBBFF

# Square

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



4CEDCB



7CDCFF



FFB0DF



FACF77

# Rectangle

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



4CEDCB



00EAFF



FFB0DF



FFBA95

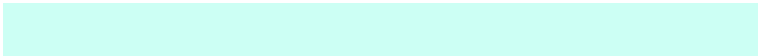


# Sweetspot

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



4CEDCB



CCFFF4



6FED4C



618079



000000



808080



# Same Dimension

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



4CEDCB



2EFFD3



4CBFED



6A7573



00B58F



00362A



# Inverse Universe

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



ED4C6E



FF2E5A



ED7A4C



756A6C



B50026

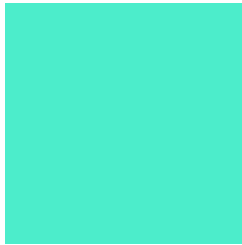


36000B



# Previews

## White Background



This preview shows how the Hex color 4CEDCB looks on a white background.

## Color Contrast Check

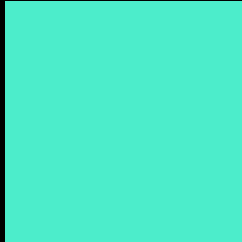
Large Text (above 18pt) WCAG AA × Fail

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 4CEDCB 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

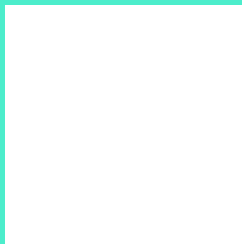
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CEDCB Background



This preview shows how black text looks on a background with the Hex color 4CEDCB.



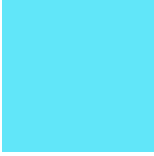
This preview shows how white text looks on a background with the Hex color 4CEDCB.

# 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



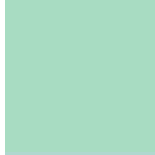


**Tritanopia**  
61E6F9

# Trichromacy



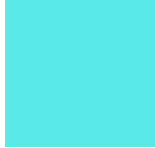
**Original Color**  
4CEDCB



**Protanomaly**  
A8DCC2



**Deuteranomaly**  
AFD8CF

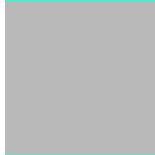


**Tritanomaly**  
59E9E8

# Monochromacy



**Original Color**  
4CEDCB



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
91CCC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CEDCB 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 #4CEDCB looks like.

```
.text, #text, p{  
    color:#4CEDCB  
}
```

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 #4CEDCB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 4CEDCB 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
#4CEDCB }
```

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

```
.border{ border-color:#4CEDCB }
```

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

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

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

# Background

The CSS property to change the background color of an element to Hex 4CEDCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CEDCB }
```

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

```
.background{ background-color:#4CEDCB }
```

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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