

Converting Colors

Hex(4CEACA)

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

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

Color

Hex(4CEACA)

Conversions

Conversions Part 1

Format	Color
Hex	4CEACA
RGB	76, 234, 202
RGB Percent	30%, 92%, 79%
CMY	0.7020, 0.0824, 0.2078
CMYK	0.68, 0.00, 0.14, 0.08
HSL	168°, 79%, 61%
HSV	168°, 68%, 92%
XYZ	43.0640, 64.6464, 66.0854
YIQ	183.1100, -83.8960, -43.4480

Conversions

Conversions Part 2

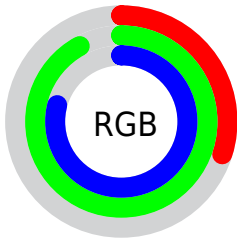
Format	Color
RYB	76, 164, 234
Decimal	5040842
CIELab	84.30, -48.31, 3.60
CIElCh	84, 48.439, 175.739
Yxy	64.6464, 0.2478, 0.3720
Android (android.graphics.Color)	4283230922 (0xFF4CEACA)
YUV	183.1100, 9.3128, -93.9355
Hunter-Lab	80.4030, -45.1003, 7.5500

Details

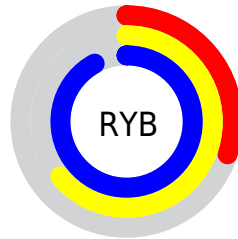
The Hex color **4CEACA** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **EA4C6C**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **8FFFFFF**, and **00B194** is the 20% darker color. If you saturate the color by 10%, you get **35EAC5**, and if you desaturate by 10%, it is **63EACF**.

Distribution



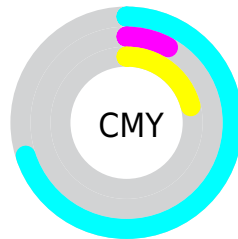
- Red (30%)
- Green (92%)
- Blue (79%)



- Red (30%)
- Yellow (64%)
- Blue (92%)



- Cyan (68%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (70%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 4CEACA

 4CEACA

FFFFFF

 1DCDAF

 8FFFFFF

 00B194

 AEFFFF

 00967A

 CDFFFF

 007B61

 EBFFFF

 00624A

 004933

 00311E

 001806

 000000

 4CEACA

 4CEACA

 35EAC5

 63EACF

 1DEAC1

 7BEAD3

 06EABC

 92EAD8

 00EABB

 AAEADD

 C1EAE2

 D8EAE6

 F0EAEB

 FFEAF0

 FFEAF5

Harmonies

Analogous

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



91E59D



4CEACA



00EAF8

Triad

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



4CEACA



CDC9FF



FFBD88

Complementary

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



4CEACA



EA4C6C

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.



FFB1AD



4CEACA



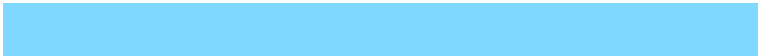
FFB8FF

Square

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



4CEACA



7FD9FF



FFAEDB



F5CD76

Rectangle

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



4CEACA



00E7FF



FFAEDB



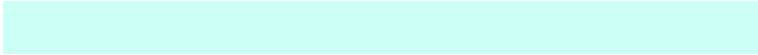
FFB893

Sweetspot

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



4CEACA



CCFFF5



6EEA4C



618079



000000



808080

Same Dimension

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



4CEACA



30FFD5



4CBDEA



6A7573



00B590



00362B

Inverse Universe

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



EA4C6C



FF305A



EA794C



756A6C



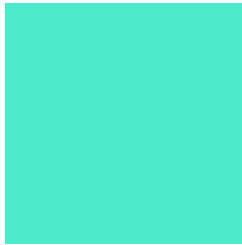
B50025



36000B

Previews

White Background



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

Color Contrast Check

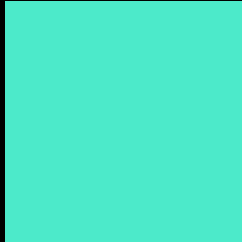
Large Text (above 18pt) WCAG AA × Fail

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 4CEACA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

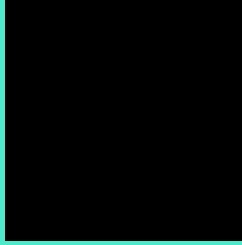
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

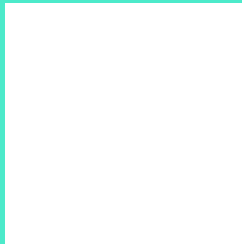
Any Text WCAG AAA ✓ Pass

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

Hex 4CEACA Background



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

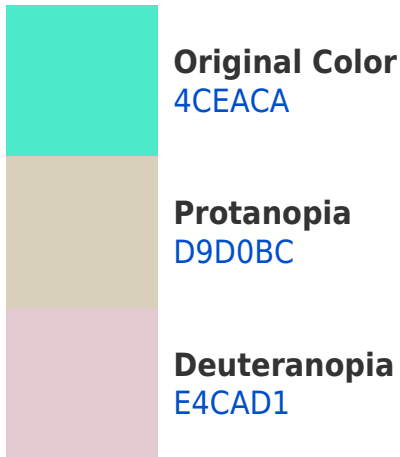


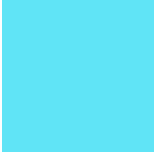
This preview shows how white text looks on a background with the Hex color 4CEACA.

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
60E4F6

Trichromacy



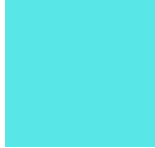
Original Color
4CEACA



Protanomaly
A6D9C1



Deuteranomaly
ADD6CE

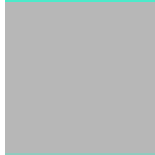


Tritanomaly
59E6E6

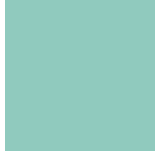
Monochromacy



Original Color
4CEACA



Achromatopsia
B7B7B7



Achromatomaly
90CABE

CSS Examples

Text

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

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

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 #4CEACA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor