

Converting Colors

Hex(4CE0D4)

Have a look what the booklet for
Hex(4CE0D4) contains.

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Color

Hex(4CE0D4)

Conversions

Conversions Part 1

Format	Color
Hex	4CE0D4
RGB	76, 224, 212
RGB Percent	30%, 88%, 83%
CMY	0.7020, 0.1216, 0.1686
CMYK	0.66, 0.00, 0.05, 0.12
HSL	175°, 70%, 59%
HSV	175°, 66%, 88%
XYZ	41.5198, 59.6013, 71.6032
YIQ	178.3800, -84.3560, -35.1080

Conversions

Conversions Part 2

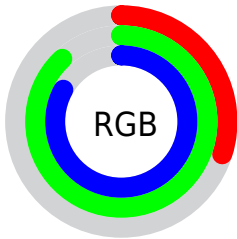
Format	Color
RYB	76, 153, 224
Decimal	5038292
CIELab	81.62, -41.40, -5.61
CIElCh	82, 41.777, 187.717
Yxy	59.6013, 0.2404, 0.3451
Android (android.graphics.Color)	4283228372 (0xFF4CE0D4)
YUV	178.3800, 16.5747, -89.7873
Hunter-Lab	77.2019, -39.1045, -0.9490

Details

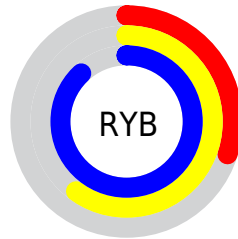
The Hex color **4CE0D4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E0C58**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8EFFFF**, and **00A89E** is the 20% darker color. If you saturate the color by 10%, you get **36E0D2**, and if you desaturate by 10%, it is **62E0D6**.

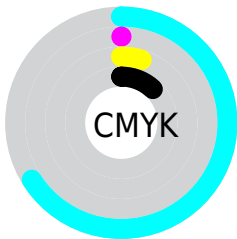
Distribution



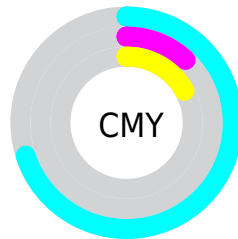
- Red (30%)
- Green (88%)
- Blue (83%)



- Red (30%)
- Yellow (60%)
- Blue (88%)



- Cyan (66%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (70%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CE0D4 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 4CE0D4 by changing the saturation by 10% instead.

 4CE0D4

 4CE0D4

FFFFFF

 1FC4B8

 8EFFFF

 00A89E

 ADFFFF

 008D83

 CCFFFF

 00736A

 EAFFFF

 005A52

 00413B

 002B26

 000C12

 000000

 4CE0D4

 4CE0D4

 36E0D2

 62E0D6

 1FE0D0

 79E0D8

 09E0CF

 8FE0D9

 00E0CE

 A6E0DB

 BCE0DD

 D2E0DF

 E9E0E1

 FFE0E3

 FFE0E4

Harmonies

Analogous

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



81DEAC



4CE0D4



2CDEF9

Triad

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



4CE0D4



DDBDFF



FEBE83

Complementary

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



4CE0D4



E04C58

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.



FFB29D



4CE0D4



FFB1E9

Square

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



4CE0D4



A3CBFF



FFACC2



DBCC7C

Rectangle

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



4CE0D4



4BDAFF



FFACC2



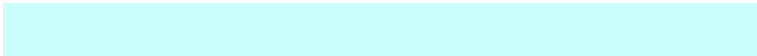
FFBA8A

Sweetspot

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



4CE0D4



CCFFFB



58E04C



61807D



000000



808080

Same Dimension

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



4CE0D4



36FFEF



4CA2E0



65706F



00B0A2



00302D

Inverse Universe

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



E04C58



FF3646



E08A4C



706566



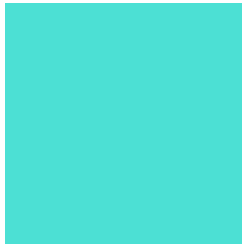
B0000E



300004

Previews

White Background



This preview shows how the Hex color 4CE0D4 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 4CE0D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

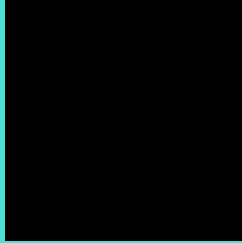
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

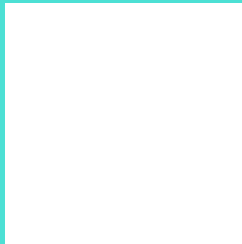
Any Text WCAG AAA ✓ Pass

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

Hex 4CE0D4 Background



This preview shows how black text looks on a background with the Hex color 4CE0D4.

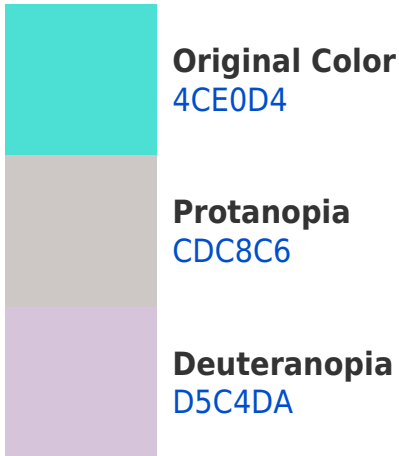


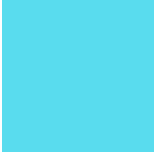
This preview shows how white text looks on a background with the Hex color 4CE0D4.

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
59DCEE

Trichromacy



Original Color
4CE0D4



Protanomaly
9ED1CB



Deuteranomaly
A3CED8

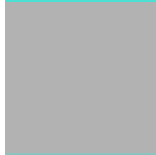


Tritanomaly
54DDE5

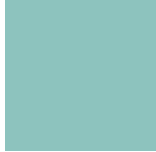
Monochromacy



Original Color
4CE0D4



Achromatopsia
B2B2B2



Achromatomaly
8DC3BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CE0D4 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 #4CE0D4 looks like.

```
.text, #text, p{  
    color:#4CE0D4  
}
```

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 #4CE0D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CE0D4
}
```

Border

The CSS property to change the border of an element to Hex 4CE0D4 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
#4CE0D4 }
```

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

```
.border{ border-color:#4CE0D4 }
```

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

Here you see how a box with a 4 pixel #4CE0D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CE0D4; -webkit-box-shadow:4px 4px  
4px 4px #4CE0D4; box-shadow:4px 4px 4px  
4px #4CE0D4 }
```

Background

The CSS property to change the background color of an element to Hex 4CE0D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CE0D4 }
```

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

```
.background{ background-color:#4CE0D4 }
```

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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