

Converting Colors

Hex(2CE4E4)

Have a look what the booklet for
Hex(2CE4E4) contains.

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Color

Hex(2CE4E4)

Conversions

Conversions Part 1

Format	Color
Hex	2CE4E4
RGB	44, 228, 228
RGB Percent	17%, 89%, 89%
CMY	0.8275, 0.1059, 0.1059
CMYK	0.81, 0.00, 0.00, 0.11
HSL	180°, 77%, 53%
HSV	180°, 81%, 89%
XYZ	42.7857, 61.6237, 83.0383
YIQ	172.9840, -109.6640, -39.0080

Conversions

Conversions Part 2

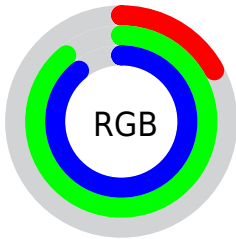
Format	Color
R _Y B	44, 136, 228
Decimal	2942180
CIE Lab	82.71, -42.29, -12.53
CIE LCh	83, 44.106, 196.507
Yxy	61.6237, 0.2283, 0.3288
Android (android.graphics.Color)	4281132260 (0xFF2CE4E4)
YUV	172.9840, 27.1229, -113.1190
Hunter-Lab	78.5008, -40.0875, -7.7666

Details

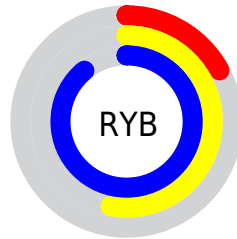
The Hex color **2CE4E4** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E42C2C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7DFFFF**, and **00ACAD** is the 20% darker color. If you saturate the color by 10%, you get **15E4E4**, and if you desaturate by 10%, it is **43E4E4**.

Distribution



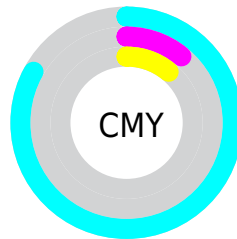
- Red (17%)
- Green (89%)
- Blue (89%)



- Red (17%)
- Yellow (53%)
- Blue (89%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (83%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CE4E4 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 2CE4E4 by changing the saturation by 10% instead.

 2CE4E4

 2CE4E4

FFFFFF

 00C8C8

 7DFFFF

 00ACAD

 9EFFFF

 009192

 BEFFFF

 007678

 DEFFFF

 005D60

FEFFFF

 004448

 002E32

 00121D

 000000

■ 2CE4E4

■ 2CE4E4

■ 15E4E4

■ 43E4E4

■ 00E4E4

■ 5AE4E4

■ 70E4E4

■ 87E4E4

■ 9EE4E4

■ B5E4E4

■ CCE4E4

■ E2E4E4

■ F9E4E4

Harmonies

Analogous

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



6EE3B9



2CE4E4



1CE0FF

Triad

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



2CE4E4



EFBBFF



FAC57D

Complementary

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



2CE4E4



E42C2C

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.



FFB794



2CE4E4



FFB0E2

Square

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



2CE4E4



B7CAFF



FFAEB8



D2D37D

Rectangle

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



2CE4E4



55DBFF



FFAEB8



FFC083

Sweetspot

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



2CE4E4



C2FFFF



2CE42C



5B8080



000000



808080

Same Dimension

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



2CE4E4



08FFFF



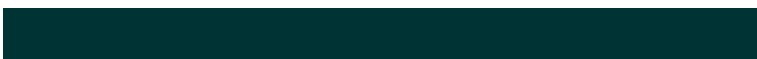
2C88E4



677373



00B3B3



003333

Inverse Universe

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



E42CE4



FF08FF



E4882C



736773



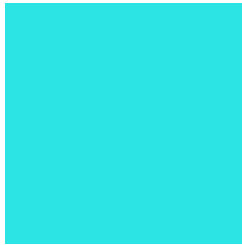
B300B3



330033

Previews

White Background



This preview shows how the Hex color 2CE4E4 looks on a white background.

Color Contrast Check

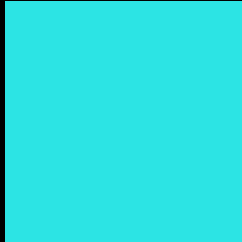
Large Text (above 18pt) WCAG AA × Fail

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 2CE4E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

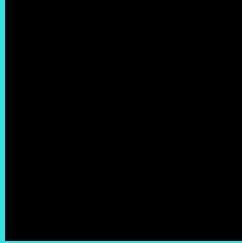
Any Text WCAG AA ✓ Pass

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 2CE4E4 Background



This preview shows how black text looks on a background with the Hex color 2CE4E4.

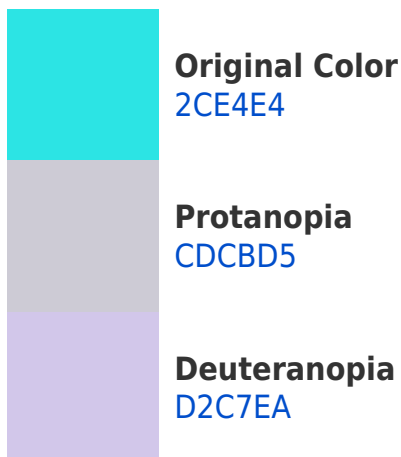


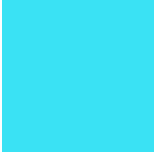
This preview shows how white text looks on a background with the Hex color 2CE4E4.

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
3AE2F4

Trichromacy



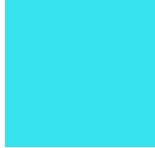
Original Color
2CE4E4



Protanomaly
92D4DA



Deuteranomaly
96D2E8

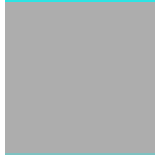


Tritanomaly
35E3EE

Monochromacy



Original Color
2CE4E4



Achromatopsia
ADADAD



Achromatomaly
7EC1C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CE4E4 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 #2CE4E4 looks like.

```
.text, #text, p{  
    color:#2CE4E4  
}
```

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 #2CE4E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE4E4
}
```

Border

The CSS property to change the border of an element to Hex 2CE4E4 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
#2CE4E4 }
```

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

```
.border{ border-color:#2CE4E4 }
```

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

Here you see how a box with a 4 pixel #2CE4E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE4E4; -webkit-box-shadow:4px 4px  
4px 4px #2CE4E4; box-shadow:4px 4px 4px  
4px #2CE4E4 }
```

Background

The CSS property to change the background color of an element to Hex 2CE4E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE4E4 }
```

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

```
.background{ background-color:#2CE4E4 }
```

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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