

Converting Colors

Hex(2CDEE4)

Have a look what the booklet for
Hex(2CDEE4) contains.

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Color

Hex(2CDEE4)

Conversions

Conversions Part 1

Format	Color
Hex	2CDEE4
RGB	44, 222, 228
RGB Percent	17%, 87%, 89%
CMY	0.8275, 0.1294, 0.1059
CMYK	0.81, 0.03, 0.00, 0.11
HSL	182°, 77%, 53%
HSV	182°, 81%, 89%
XYZ	41.1636, 58.3795, 82.4976
YIQ	169.4620, -108.0140, -35.8700

Conversions

Conversions Part 2

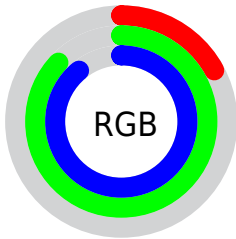
Format	Color
R _Y B	44, 134, 228
Decimal	2940644
CIE Lab	80.95, -39.59, -15.18
CIE LCh	81, 42.401, 200.972
Yxy	58.3795, 0.2261, 0.3207
Android (android.graphics.Color)	4281130724 (0xFF2CDEE4)
YUV	169.4620, 28.8592, -110.0302
Hunter-Lab	76.4065, -37.5454, -10.5321

Details

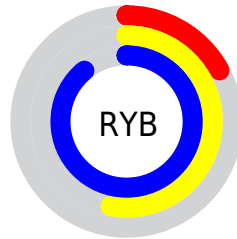
The Hex color **2CDEE4** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E4322C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7CFFFF**, and **00A6AD** is the 20% darker color. If you saturate the color by 10%, you get **15DDE4**, and if you desaturate by 10%, it is **43DFE4**.

Distribution



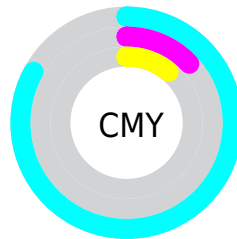
- Red (17%)
- Green (87%)
- Blue (89%)



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



- Cyan (81%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (83%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CDEE4 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 2CDEE4 by changing the saturation by 10% instead.

 2CDEE4

 2CDEE4

FFFFFF

 00C2C8

 7CFFFF

 00A6AD

 9DFFFF

 008B92

 BDFFFF

 007178

 DDFFFF

 005860

 FCFFFF

 004048

 002A31

 00081D

 000000

■ 2CDEE4

■ 2CDEE4

■ 15DDE4

■ 43DFE4

■ 00DDE4

■ 5ADFE4

■ 70E0E4

■ 87E1E4

■ 9EE2E4

■ B5E2E4

■ CCE3E4

■ E2E4E4

■ F9E5E4

Harmonies

Analogous

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



66DEBB



2CDEE4



34DAFF

Triad

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



2CDEE4



EFB5FB



EEC27A

Complementary

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



2CDEE4



E4322C

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.



FFB58D



2CDEE4



FFABD7

Square

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



2CDEE4



BCC3FF



FFABAF



C7CF7E

Rectangle

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



2CDEE4



63D4FF



FFABAF



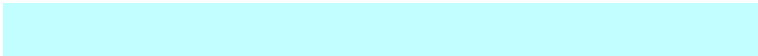
F9BE7E

Sweetspot

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



2CDEE4



C2FDFD



2CE42F



5B7E80



000000



808080

Same Dimension

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



2CDEE4



08F7FF



2C85E4



677273



00ADB3



003133

Inverse Universe

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



E42CDE



FF08F7



E48B2C



736772



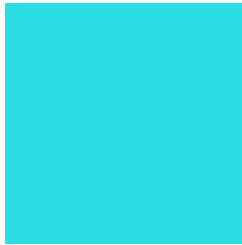
B300AD



330031

Previews

White Background



This preview shows how the Hex color 2CDEE4 looks on a white background.

Color Contrast Check

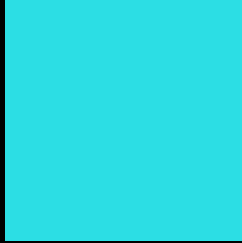
Large Text (above 18pt) WCAG AA × Fail

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 2CDEE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

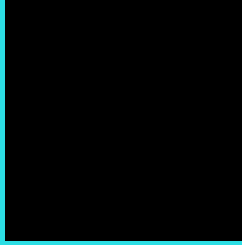
Any Text WCAG AA ✓ Pass

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 2CDEE4 Background



This preview shows how black text looks on a background with the Hex color 2CDEE4.

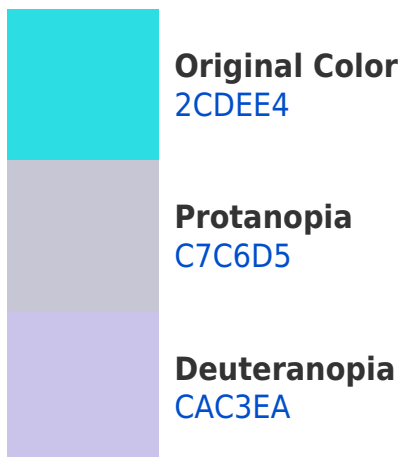


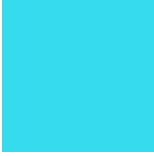
This preview shows how white text looks on a background with the Hex color 2CDEE4.

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
36DCEE

Trichromacy



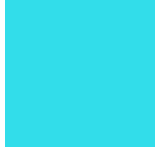
Original Color
2CDEE4



Protanomaly
8FCFDA



Deuteranomaly
91CDE8

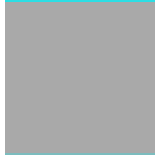


Tritanomaly
32DDEA

Monochromacy



Original Color
2CDEE4



Achromatopsia
A9A9A9



Achromatomaly
7CBCBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CDEE4 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 #2CDEE4 looks like.

```
.text, #text, p{  
    color:#2CDEE4  
}
```

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 #2CDEE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CDEE4
}
```

Border

The CSS property to change the border of an element to Hex 2CDEE4 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
#2CDEE4 }
```

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

```
.border{ border-color:#2CDEE4 }
```

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

Here you see how a box with a 4 pixel #2CDEE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CDEE4; -webkit-box-shadow:4px 4px  
4px 4px #2CDEE4; box-shadow:4px 4px 4px  
4px #2CDEE4 }
```

Background

The CSS property to change the background color of an element to Hex 2CDEE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CDEE4 }
```

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

```
.background{ background-color:#2CDEE4 }
```

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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