

Converting Colors

Hex(4CDEE2)

Have a look what the booklet for
Hex(4CDEE2) contains.

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Color

Hex(4CDEE2)

Conversions

Conversions Part 1

Format	Color
Hex	4CDEE2
RGB	76, 222, 226
RGB Percent	30%, 87%, 89%
CMY	0.7020, 0.1294, 0.1137
CMYK	0.66, 0.02, 0.00, 0.11
HSL	182°, 72%, 59%
HSV	182°, 66%, 89%
XYZ	42.8292, 59.2700, 81.1344
YIQ	178.8020, -88.3000, -29.7080

Conversions

Conversions Part 2

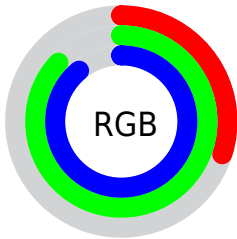
Format	Color
RYB	76, 150, 226
Decimal	5037794
CIELab	81.44, -36.67, -13.32
CIElCh	81, 39.015, 199.963
Yxy	59.2700, 0.2337, 0.3235
Android (android.graphics.Color)	4283227874 (0xFF4CDEE2)
YUV	178.8020, 23.2686, -90.1574
Hunter-Lab	76.9870, -35.4246, -8.5931

Details

The Hex color **4CDEE2** 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 **E2504C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8FFFFFF**, and **00A6AB** is the 20% darker color. If you saturate the color by 10%, you get **35DDE2**, and if you desaturate by 10%, it is **63DFE2**.

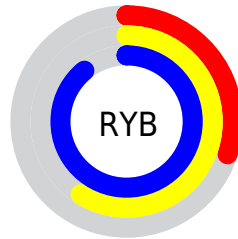
Distribution



Red (30%)

Green (87%)

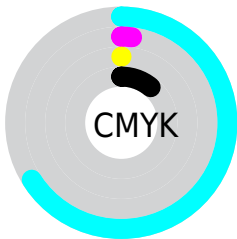
Blue (89%)



Red (30%)

Yellow (59%)

Blue (89%)

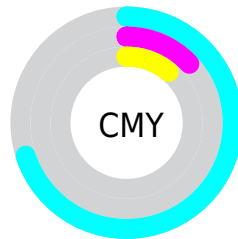


Cyan (66%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (70%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CDEE2 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 4CDEE2 by changing the saturation by 10% instead.

 4CDEE2

 4CDEE2

FFFFFF

 1DC2C6

 8FFFFFF

 00A6AB

 AEFFFF

 008B90

 CDFFFF

 007177

 ECFFFF

 00585E

 004046

 002A30

 000B1C

 000000

 4CDEE2

 4CDEE2

 35DDE2

 63DFE2

 1FDDE2

 79DFE2

 08DCE2

 90E0E2

 00DCE2

 A6E0E2

 BDE1E2

 D4E2E2

 EAE2E2

 FFE3E2

Harmonies

Analogous

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



74DDBC



4CDEE2



50DAFF

Triad

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



4CDEE2



EDB8FA



EEC482

Complementary

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



4CDEE2



E2504C

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.



FFB894



4CDEE2



FFB0D8

Square

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



4CDEE2



BEC5FF



FFAFB3



CAD085

Rectangle

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



4CDEE2



71D5FF



FFAFB3



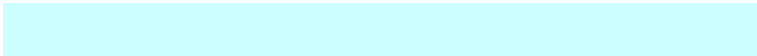
F8C086

Sweetspot

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



4CDEE2



CCFEFF



4CE24E



617F80



000000



808080

Same Dimension

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



4CDEE2



33FAFF



4C94E2



657070



00ABB0



002F30

Inverse Universe

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



E24CDE



FF33FA



E2994C



706570



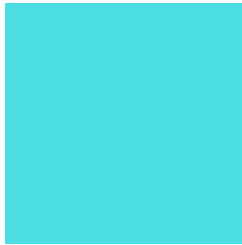
B000AB



30002F

Previews

White Background



This preview shows how the Hex color 4CDEE2 looks on a white background.

Color Contrast Check

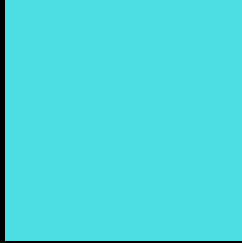
Large Text (above 18pt) WCAG AA × Fail

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 4CDEE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

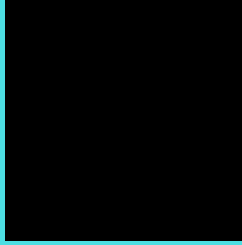
Any Text WCAG AA ✓ Pass

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 4CDEE2 Background



This preview shows how black text looks on a background with the Hex color 4CDEE2.

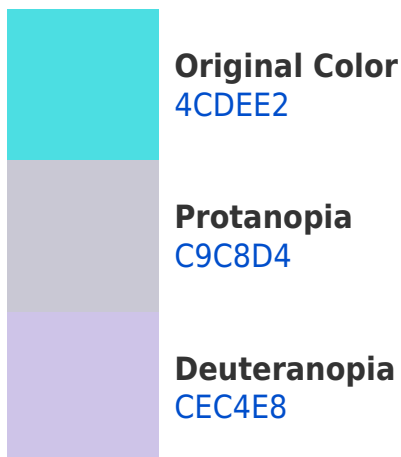


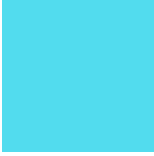
This preview shows how white text looks on a background with the Hex color 4CDEE2.

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





Trichromacy



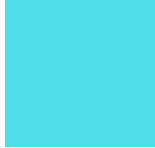
Original Color
4CDEE2



Protanomaly
9CD0D9



Deuteranomaly
9FCDE6

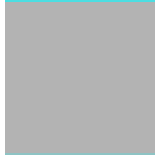


Tritanomaly
50DDEA

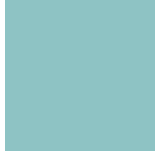
Monochromacy



Original Color
4CDEE2



Achromatopsia
B3B3B3



Achromatomaly
8EC3C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CDEE2 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 #4CDEE2 looks like.

```
.text, #text, p{  
    color:#4CDEE2  
}
```

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 #4CDEE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CDEE2  
}
```

Border

The CSS property to change the border of an element to Hex 4CDEE2 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  
#4CDEE2 }
```

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

```
.border{ border-color:#4CDEE2 }
```

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

Here you see how a box with a 4 pixel #4CDEE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CDEE2; -webkit-box-shadow:4px 4px  
4px 4px #4CDEE2; box-shadow:4px 4px 4px  
4px #4CDEE2 }
```

Background

The CSS property to change the background color of an element to Hex 4CDEE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CDEE2 }
```

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

```
.background{ background-color:#4CDEE2 }
```

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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