

Converting Colors

Hex(3CD8E0)

Have a look what the booklet for
Hex(3CD8E0) contains.

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Color

Hex(3CD8E0)

Conversions

Conversions Part 1

Format	Color
Hex	3CD8E0
RGB	60, 216, 224
RGB Percent	24%, 85%, 88%
CMY	0.7647, 0.1529, 0.1216
CMYK	0.73, 0.04, 0.00, 0.12
HSL	183°, 73%, 56%
HSV	183°, 73%, 88%
XYZ	39.8739, 55.4542, 79.1232
YIQ	170.2680, -95.5440, -30.5840

Conversions

Conversions Part 2

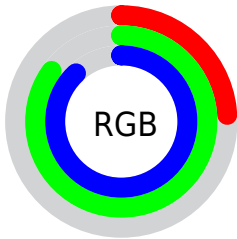
Format	Color
R _{YB}	60, 140, 224
Decimal	3987680
CIE Lab	79.30, -36.49, -15.49
CIE LCh	79, 39.639, 203.010
Yxy	55.4542, 0.2286, 0.3179
Android (android.graphics.Color)	4282177760 (0xFF3CD8E0)
YUV	170.2680, 26.4899, -96.7050
Hunter-Lab	74.4676, -34.7399, -10.8694

Details

The Hex color **3CD8E0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E0443C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **84FFFF**, and **00A1A9** is the 20% darker color. If you saturate the color by 10%, you get **26D7E0**, and if you desaturate by 10%, it is **52D9E0**.

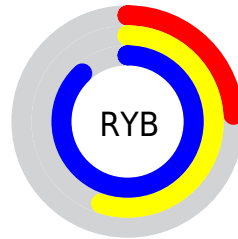
Distribution



Red (24%)

Green (85%)

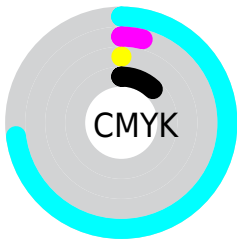
Blue (88%)



Red (24%)

Yellow (55%)

Blue (88%)

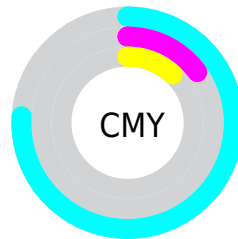


Cyan (73%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (76%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CD8E0 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 3CD8E0 by changing the saturation by 10% instead.

 3CD8E0

 3CD8E0

FFFFFF

 00BCC4

 84FFFF

 00A1A9

 A3FFFF

 00868E

 C2FFFF

 006C75

 E2FFFF

 00535C

 003B45

 00262E

 00011A

 000000

 3CD8E0

 3CD8E0

 26D7E0

 52D9E0

 0FD6E0

 69DAE0

 00D5E0

 7FD8E0

 96DCE0

 ACDDE0

 C2DFE0

 D9E0E0

 EFE1E0

 FFE2E0

Harmonies

Analogous

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



67D8BA



3CD8E0



48D4FE

Triad

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



3CD8E0



EBB1F1



E5BF7B

Complementary

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



3CD8E0



E0443C

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.



FFB38B



3CD8E0



FFA9CF

Square

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



3CD8E0



BDBEFF



FFAAA9



C0CB7F

Rectangle

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



3CD8E0



6DCEFF



FFAAA9



EFBB7E

Sweetspot

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



3CD8E0



C7FCFF



3CE041



5E7E80



000000



808080

Same Dimension

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



3CD8E0



1FF4FF



3C89E0



657070



00A7B0



002E30

Inverse Universe

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



E03CD8



FF1FF4



E0933C



706570



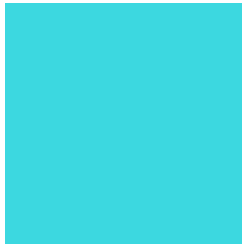
B000A7



30002E

Previews

White Background



This preview shows how the Hex color 3CD8E0 looks on a white background.

Color Contrast Check

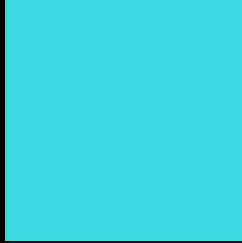
Large Text (above 18pt) WCAG AA × Fail

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 3CD8E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

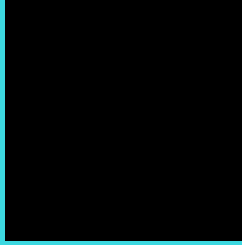
Any Text WCAG AA ✓ Pass

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 3CD8E0 Background



This preview shows how black text looks on a background with the Hex color 3CD8E0.

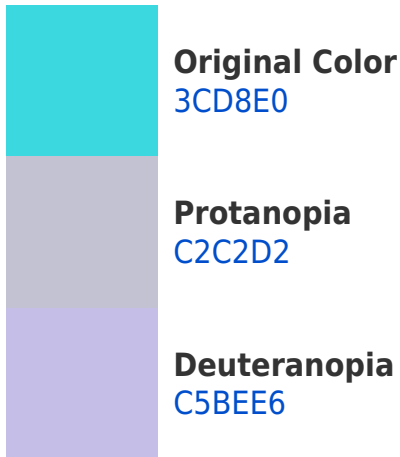


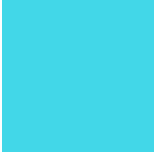
This preview shows how white text looks on a background with the Hex color 3CD8E0.

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
42D7E8

Trichromacy



Original Color
3CD8E0



Protanomaly
91CAD7



Deuteranomaly
93C7E4

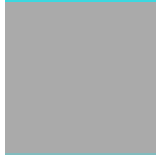


Tritanomaly
40D7E5

Monochromacy



Original Color
3CD8E0



Achromatopsia
AAAAAA



Achromatomaly
82BBBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CD8E0 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 #3CD8E0 looks like.

```
.text, #text, p{  
    color:#3CD8E0  
}
```

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 #3CD8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD8E0
}
```

Border

The CSS property to change the border of an element to Hex 3CD8E0 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
#3CD8E0 }
```

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

```
.border{ border-color:#3CD8E0 }
```

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

Here you see how a box with a 4 pixel #3CD8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD8E0; -webkit-box-shadow:4px 4px  
4px 4px #3CD8E0; box-shadow:4px 4px 4px  
4px #3CD8E0 }
```

Background

The CSS property to change the background color of an element to Hex 3CD8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD8E0 }
```

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

```
.background{ background-color:#3CD8E0 }
```

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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