

Converting Colors

Hex(3CD8C2)

Have a look what the booklet for
Hex(3CD8C2) contains.

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Color

Hex(3CD8C2)

Conversions

Conversions Part 1

Format	Color
Hex	3CD8C2
RGB	60, 216, 194
RGB Percent	24%, 85%, 76%
CMY	0.7647, 0.1529, 0.2392
CMYK	0.72, 0.00, 0.10, 0.15
HSL	172°, 67%, 54%
HSV	172°, 72%, 85%
XYZ	36.1570, 53.9674, 59.5500
YIQ	166.8480, -85.9140, -39.9140

Conversions

Conversions Part 2

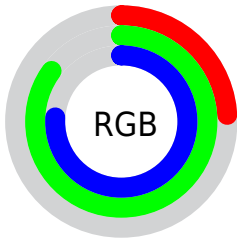
Format	Color
RYB	60, 144, 216
Decimal	3987650
CIELab	78.44, -44.79, -0.73
CIELCh	78, 44.798, 180.928
Yxy	53.9674, 0.2416, 0.3606
Android (android.graphics.Color)	4282177730 (0xFF3CD8C2)
YUV	166.8480, 13.3859, -93.7057
Hunter-Lab	73.4625, -40.7049, 3.3623

Details

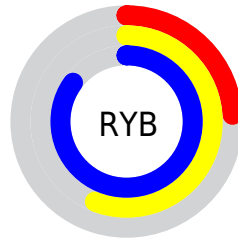
The Hex color **3CD8C2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D83C52**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **81FFFA**, and **00A08D** is the 20% darker color. If you saturate the color by 10%, you get **26D8BF**, and if you desaturate by 10%, it is **52D8C5**.

Distribution



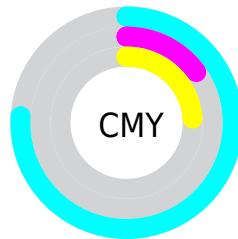
- Red (24%)
- Green (85%)
- Blue (76%)



- Red (24%)
- Yellow (56%)
- Blue (85%)



- Cyan (72%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (76%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CD8C2 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 3CD8C2 by changing the saturation by 10% instead.

 3CD8C2

 3CD8C2

FFFFFF

 00BCA7

 81FFFA

 00A08D

 A0FFFF

 008573

 BFFFFFF

 006B5B

 DEFFFF

 005243

 FDFFFF

 003A2D

 002418

 000000

 3CD8C2

 3CD8C2

■ 26D8BF

■ 52D8C5

■ 11D8BC

■ 67D8C8

■ 00D8BA

■ 7DD8CB

■ 92D8CE

■ A8D8D1

■ BED8D4

■ D3D8D7

■ E9D8DA

■ FED8DD

Harmonies

Analogous

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



7ED498



3CD8C2



00D7EB

Triad

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



3CD8C2



C8B7FF



FDB17A

Complementary

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



3CD8C2



D83C52

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.



FFA599



3CD8C2



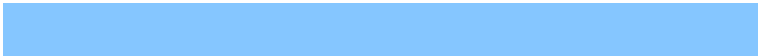
F7A8EB

Square

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



3CD8C2



85C6FF



FFA1C2



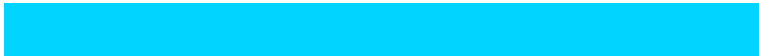
DCC06E

Rectangle

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



3CD8C2



00D4FF



FFA1C2



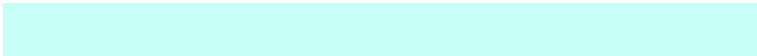
FFAD83

Sweetspot

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



3CD8C2



C7FFF7



53D83C



5E807B



000000



808080

Same Dimension

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



3CD8C2



21FFE0



3CA1D8



606B6A



00AB93



002B25

Inverse Universe

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



D83C52



FF2140



D8733C



6B6062



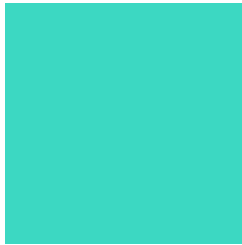
AB0018



2B0006

Previews

White Background



This preview shows how the Hex color 3CD8C2 looks on a white background.

Color Contrast Check

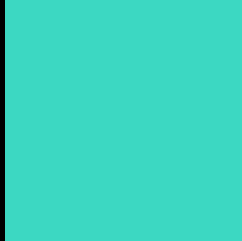
Large Text (above 18pt) WCAG AA × Fail

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 3CD8C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

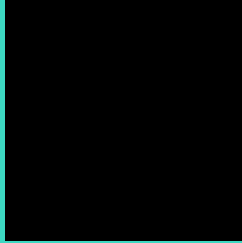
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

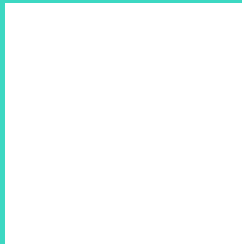
Any Text WCAG AAA ✓ Pass

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

Hex 3CD8C2 Background



This preview shows how black text looks on a background with the Hex color 3CD8C2.



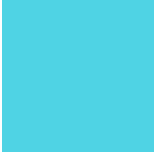
This preview shows how white text looks on a background with the Hex color 3CD8C2.

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
4FD3E4

Trichromacy



Original Color
3CD8C2



Protanomaly
94C9B9



Deuteranomaly
9AC6C6

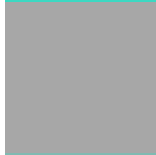


Tritanomaly
48D5D8

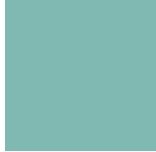
Monochromacy



Original Color
3CD8C2



Achromatopsia
A7A7A7



Achromatomaly
80B9B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CD8C2 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 #3CD8C2 looks like.

```
.text, #text, p{  
    color:#3CD8C2  
}
```

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 #3CD8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD8C2
}
```

Border

The CSS property to change the border of an element to Hex 3CD8C2 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
#3CD8C2 }
```

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

```
.border{ border-color:#3CD8C2 }
```

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

Here you see how a box with a 4 pixel #3CD8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD8C2; -webkit-box-shadow:4px 4px  
4px 4px #3CD8C2; box-shadow:4px 4px 4px  
4px #3CD8C2 }
```

Background

The CSS property to change the background color of an element to Hex 3CD8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD8C2 }
```

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

```
.background{ background-color:#3CD8C2 }
```

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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