

Converting Colors

Hex(3CD6EB)

Have a look what the booklet for
Hex(3CD6EB) contains.

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Color

Hex(3CD6EB)

Conversions

Conversions Part 1

Format	Color
Hex	3CD6EB
RGB	60, 214, 235
RGB Percent	24%, 84%, 92%
CMY	0.7647, 0.1608, 0.0784
CMYK	0.74, 0.09, 0.00, 0.08
HSL	187°, 81%, 58%
HSV	187°, 74%, 92%
XYZ	40.9054, 55.0520, 87.0674
YIQ	170.3480, -98.5250, -26.1170

Conversions

Conversions Part 2

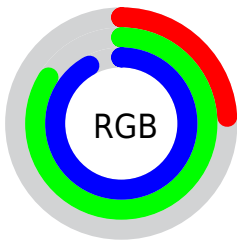
Format	Color
RYB	60, 142, 235
Decimal	3987179
CIELab	79.07, -32.29, -21.72
CIELCh	79, 38.915, 213.928
Yxy	55.0520, 0.2235, 0.3008
Android (android.graphics.Color)	4282177259 (0xFF3CD6EB)
YUV	170.3480, 31.8734, -96.7752
Hunter-Lab	74.1970, -31.4362, -17.6367

Details

The Hex color **3CD6EB** 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 **EB513C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **84FFFF**, and **009FB3** is the 20% darker color. If you saturate the color by 10%, you get **24D3EB**, and if you desaturate by 10%, it is **53D9EB**.

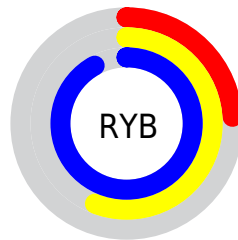
Distribution



Red (24%)

Green (84%)

Blue (92%)



Red (24%)

Yellow (56%)

Blue (92%)

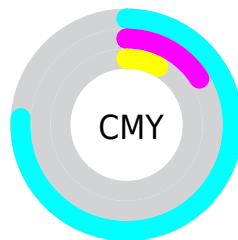


Cyan (74%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (76%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CD6EB 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 3CD6EB by changing the saturation by 10% instead.

 3CD6EB

 3CD6EB

FFFFFF

 00BACF

 84FFFF

 009FB3

 A4FFFF

 008498

 C4FFFF

 006B7E

 E3FFFF

 005265

 003A4D

 002536

 000222

 000007

■ 3CD6EB

■ 3CD6EB

■ 24D3EB

■ 53D9EB

■ 0DD0EB

■ 6BDCEB

■ 00CFEB

■ 83DEEB

■ 9AE1EB

■ B1E4EB

■ C9E7EB

■ E0EAEB

■ F8EDEB

■ FFEFEB

Harmonies

Analogous

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



58D7C7



3CD6EB



5ED0FF

Triad

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



3CD6EB



F6ADE4



D8C37B

Complementary

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



3CD6EB



EB513C

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.



F6B784



3CD6EB



FFA8C0

Square

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



3CD6EB



CFB9FF



FFAC9D



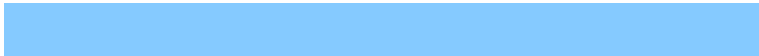
B1CE87

Rectangle

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



3CD6EB



85CAFF



FFAC9D



E3BF7C

Sweetspot

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



3CD6EB



C7F8FF



3CEB50



5E7C80



000000



808080

Same Dimension

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



3CD6EB



1CE4FF



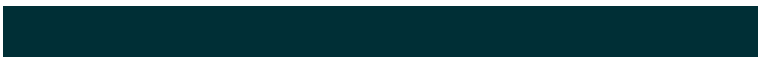
3C7FEB



6A7475



009FB5



002F36

Inverse Universe

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



EB3CD6



FF1CE4



EBA83C



756A74



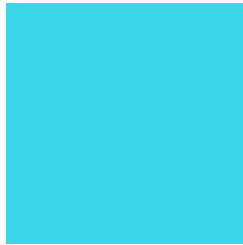
B5009F



36002F

Previews

White Background



This preview shows how the Hex color 3CD6EB looks on a white background.

Color Contrast Check

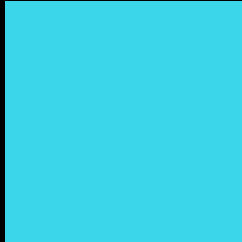
Large Text (above 18pt) WCAG AA × Fail

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 3CD6EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

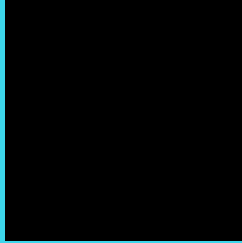
Any Text WCAG AA ✓ Pass

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 3CD6EB Background



This preview shows how black text looks on a background with the Hex color 3CD6EB.

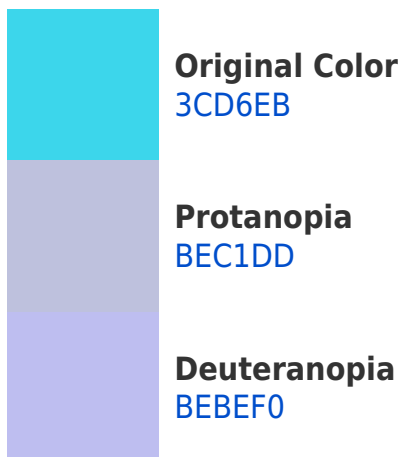


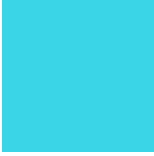
This preview shows how white text looks on a background with the Hex color 3CD6EB.

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](#).

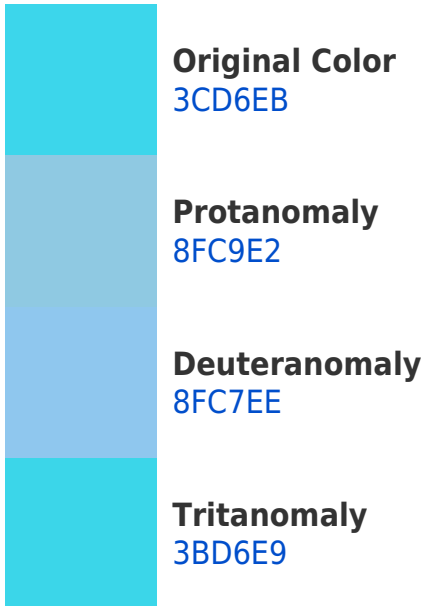
Dichromacy



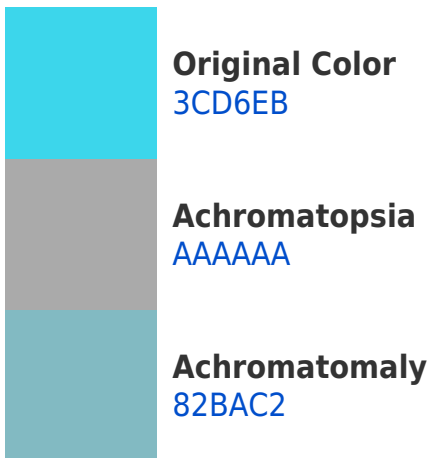


Tritanopia
3AD6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CD6EB 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 #3CD6EB looks like.

```
.text, #text, p{  
    color:#3CD6EB  
}
```

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 #3CD6EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD6EB  
}
```

Border

The CSS property to change the border of an element to Hex 3CD6EB 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  
#3CD6EB }
```

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

```
.border{ border-color:#3CD6EB }
```

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

Here you see how a box with a 4 pixel #3CD6EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD6EB; -webkit-box-shadow:4px 4px  
4px 4px #3CD6EB; box-shadow:4px 4px 4px  
4px #3CD6EB }
```

Background

The CSS property to change the background color of an element to Hex 3CD6EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD6EB }
```

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

```
.background{ background-color:#3CD6EB }
```

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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