

Converting Colors

Hex(3CD6AB)

Have a look what the booklet for
Hex(3CD6AB) contains.

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Color

Hex(3CD6AB)

Conversions

Conversions Part 1

Format	Color
Hex	3CD6AB
RGB	60, 214, 171
RGB Percent	24%, 84%, 67%
CMY	0.7647, 0.1608, 0.3294
CMYK	0.72, 0.00, 0.20, 0.16
HSL	163°, 65%, 54%
HSV	163°, 72%, 84%
XYZ	33.2607, 51.9941, 46.8109
YIQ	163.0520, -77.9810, -46.0210

Conversions

Conversions Part 2

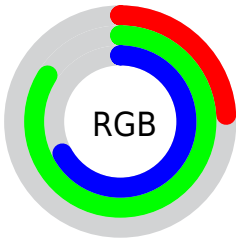
Format	Color
RYB	60, 149, 214
Decimal	3987115
CIELab	77.28, -49.71, 9.88
CIELCh	77, 50.684, 168.764
Yxy	51.9941, 0.2518, 0.3937
Android (android.graphics.Color)	4282177195 (0xFF3CD6AB)
YUV	163.0520, 3.9184, -90.3766
Hunter-Lab	72.1069, -43.8505, 11.9845

Details

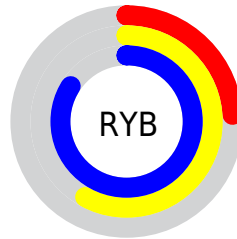
The Hex color **3CD6AB** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D63C67**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **80FFE2**, and **009E77** is the 20% darker color. If you saturate the color by 10%, you get **27D6A5**, and if you desaturate by 10%, it is **51D6B1**.

Distribution



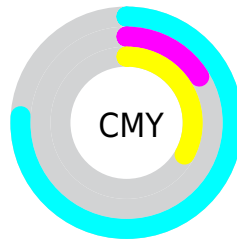
- Red (24%)
- Green (84%)
- Blue (67%)



- Red (24%)
- Yellow (58%)
- Blue (84%)



- Cyan (72%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (76%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CD6AB 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 3CD6AB by changing the saturation by 10% instead.



3CD6AB



3CD6AB

FFFFFF



00BA90



80FFE2



009E77



9EFFFF



00835E



BDFFFF



006946



DBFFFF



005030



FAFFFF



00381B



002101



000000



3CD6AB



3CD6AB

■ 27D6A5

■ 51D6B1

■ 11D69F

■ 67D6B7

■ 00D69A

■ 7CD6BD

■ 92D6C3

■ A7D6C9

■ BCD6CF

■ D2D6D5

■ E7D6DB

■ FDD6E1

Harmonies

Analogous

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



89D07F



3CD6AB



00D7DC

Triad

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



3CD6AB



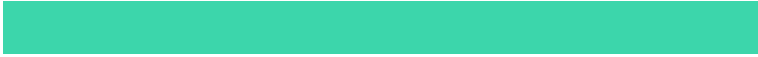
A7B9FF



FFA57A

Complementary

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



3CD6AB



D63C67

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.



FF99A3



3CD6AB



E8A7FD

Square

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



3CD6AB



42C9FF



FF9AD3



EBB662

Rectangle

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



3CD6AB



00D5F8



FF9AD3



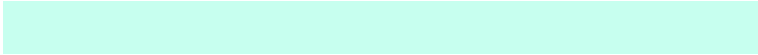
FFA086

Sweetspot

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



3CD6AB



C7FFEF



68D63C



5E8076



000000



808080

Same Dimension

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



3CD6AB



24FFC2



3CB5D6



606B68



00AB7B



002B1F

Inverse Universe

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



D63C67



FF2461



D65D3C



6B6063



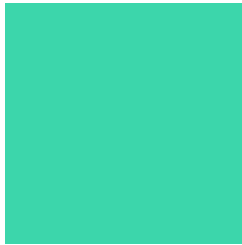
AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 3CD6AB looks on a white background.

Color Contrast Check

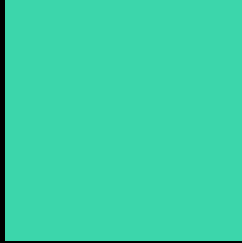
Large Text (above 18pt) WCAG AA × Fail

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 3CD6AB 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

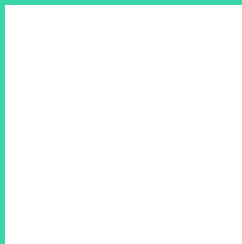
Any Text WCAG AAA ✓ Pass

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

Hex 3CD6AB Background



This preview shows how black text looks on a background with the Hex color 3CD6AB.

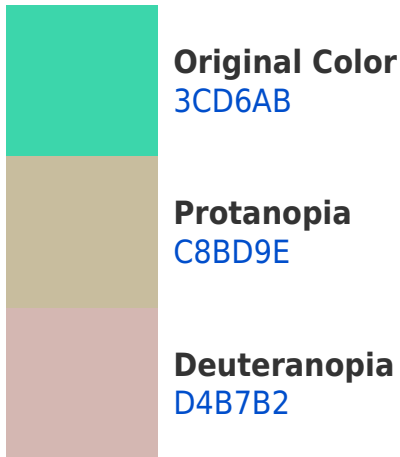


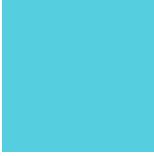
This preview shows how white text looks on a background with the Hex color 3CD6AB.

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
55CFE0

Trichromacy



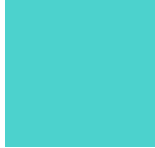
Original Color
3CD6AB



Protanomaly
95C6A3



Deuteranomaly
9DC2AF



Tritanomaly
4CD2CD

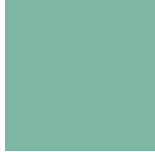
Monochromacy



Original Color
3CD6AB



Achromatopsia
A3A3A3



Achromatomaly
7EB6A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CD6AB 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 #3CD6AB looks like.

```
.text, #text, p{  
    color:#3CD6AB  
}
```

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 #3CD6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD6AB
}
```

Border

The CSS property to change the border of an element to Hex 3CD6AB 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
#3CD6AB }
```

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

```
.border{ border-color:#3CD6AB }
```

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

Here you see how a box with a 4 pixel #3CD6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD6AB; -webkit-box-shadow:4px 4px  
4px 4px #3CD6AB; box-shadow:4px 4px 4px  
4px #3CD6AB }
```

Background

The CSS property to change the background color of an element to Hex 3CD6AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD6AB }
```

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

```
.background{ background-color:#3CD6AB }
```

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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