

Converting Colors

Hex(3CDA9A)

Have a look what the booklet for
Hex(3CDA9A) contains.

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Color

Hex(3CDA9A)

Conversions

Conversions Part 1

Format	Color
Hex	3CDA9A
RGB	60, 218, 154
RGB Percent	24%, 85%, 60%
CMY	0.7647, 0.1451, 0.3961
CMYK	0.72, 0.00, 0.29, 0.15
HSL	156°, 68%, 55%
HSV	156°, 72%, 85%
XYZ	32.7676, 53.4366, 39.1591
YIQ	163.4620, -73.6240, -53.4000

Conversions

Conversions Part 2

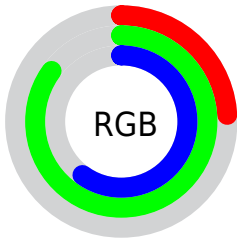
Format	Color
RYB	60, 159, 218
Decimal	3988122
CIELab	78.13, -55.15, 20.07
CIELCh	78, 58.685, 160.004
Yxy	53.4366, 0.2614, 0.4263
Android (android.graphics.Color)	4282178202 (0xFF3CDA9A)
YUV	163.4620, -4.6648, -90.7362
Hunter-Lab	73.1003, -47.9119, 19.4092

Details

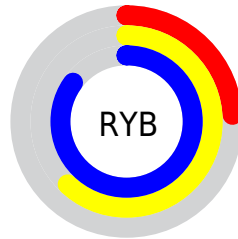
The Hex color **3CDA9A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **DA3C7C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **80FFD1**, and **00A267** is the 20% darker color. If you saturate the color by 10%, you get **26DA91**, and if you desaturate by 10%, it is **52DAA3**.

Distribution



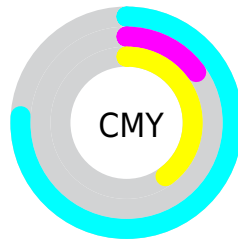
- Red (24%)
- Green (85%)
- Blue (60%)



- Red (24%)
- Yellow (62%)
- Blue (85%)



- Cyan (72%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (76%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CDA9A 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 3CDA9A by changing the saturation by 10% instead.



3CDA9A



3CDA9A

FFFFFF



00BE80



80FFD1



00A267



9FFFED



00874E



BDFFFF



006C37



DCFFFF



005321



FAFFFF



003A0B



002300



000000



3CDA9A



3CDA9A

■ 26DA91

■ 52DAA3

■ 10DA88

■ 68DAAC

■ 00DA82

■ 7DDAB4

■ 93DABD

■ A9DAC6

■ BFDACF

■ D5DAD8

■ EADAE1

■ FFDAE9

Harmonies

Analogous

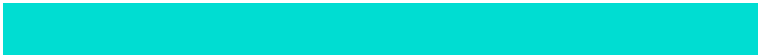
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94D26A



3CDA9A



00DDD2

Triad

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



3CDA9A



83C1FF



FF9D7E

Complementary

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



3CDA9A



DA3C7C

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.



FF92B1



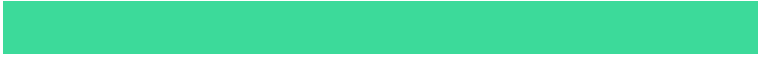
3CDA9A



DDACFF

Square

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



3CDA9A



00D1FF



FF98E8



FFB159

Rectangle

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



3CDA9A



00DCF6



FF98E8



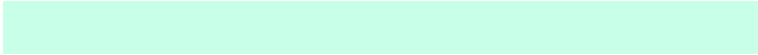
FF988E

Sweetspot

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



3CDA9A



C7FFE8



7EDA3C



5E8072



000000



808080

Same Dimension

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



3CDA9A



21FFA5



3CCDDA



636E69



00AD67



002E1B

Inverse Universe

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



DA3C7C



FF217B



DA493C



6E6367



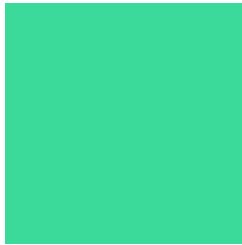
AD0046



2E0013

Previews

White Background



This preview shows how the Hex color 3CDA9A 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 3CDA9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

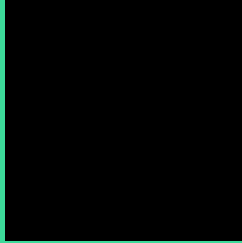
Any Text WCAG AA ✓ Pass

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 3CDA9A Background



This preview shows how black text looks on a background with the Hex color 3CDA9A.

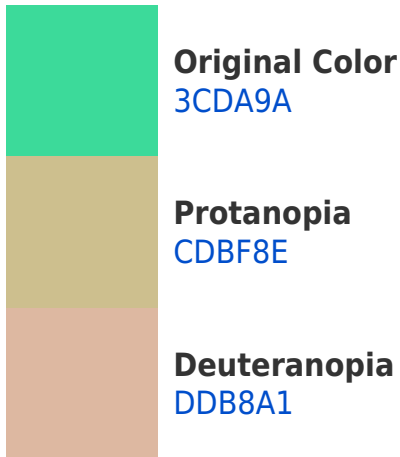


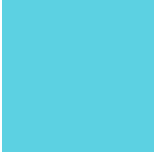
This preview shows how white text looks on a background with the Hex color 3CDA9A.

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
5CD1E2

Trichromacy



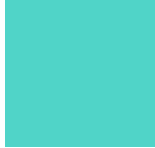
Original Color
3CDA9A



Protanomaly
98C992



Deuteranomaly
A2C49E



Tritanomaly
50D4C8

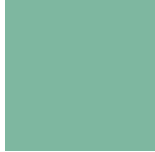
Monochromacy



Original Color
3CDA9A



Achromatopsia
A3A3A3



Achromatomaly
7EB7A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CDA9A 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 #3CDA9A looks like.

```
.text, #text, p{  
  color:#3CDA9A  
}
```

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 #3CDA9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CDA9A
}
```

Border

The CSS property to change the border of an element to Hex 3CDA9A 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
#3CDA9A }
```

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

```
.border{ border-color:#3CDA9A }
```

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

Here you see how a box with a 4 pixel #3CDA9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CDA9A; -webkit-box-shadow:4px 4px  
4px 4px #3CDA9A; box-shadow:4px 4px 4px  
4px #3CDA9A }
```

Background

The CSS property to change the background color of an element to Hex 3CDA9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CDA9A }
```

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

```
.background{ background-color:#3CDA9A }
```

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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