

Converting Colors

Hex(3CE9A1)

Have a look what the booklet for
Hex(3CE9A1) contains.

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Color

Hex(3CE9A1)

Conversions

Conversions Part 1

Format	Color
Hex	3CE9A1
RGB	60, 233, 161
RGB Percent	24%, 91%, 63%
CMY	0.7647, 0.0863, 0.3686
CMYK	0.74, 0.00, 0.31, 0.09
HSL	155°, 80%, 57%
HSV	155°, 74%, 91%
XYZ	37.4354, 61.8117, 43.6760
YIQ	173.0650, -79.9960, -59.0680

Conversions

Conversions Part 2

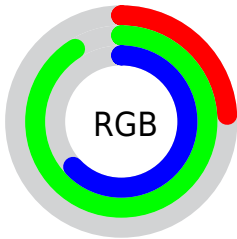
Format	Color
RYB	60, 169, 233
Decimal	3991969
CIELab	82.81, -59.41, 22.87
CIELCh	83, 63.659, 158.947
Yxy	61.8117, 0.2619, 0.4325
Android (android.graphics.Color)	4282182049 (0xFF3CE9A1)
YUV	173.0650, -5.9480, -99.1580
Hunter-Lab	78.6204, -52.5923, 22.0969

Details

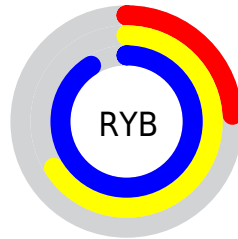
The Hex color **3CE9A1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **E93C84**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **83FFD8**, and **00B06D** is the 20% darker color. If you saturate the color by 10%, you get **25E997**, and if you desaturate by 10%, it is **53E9AB**.

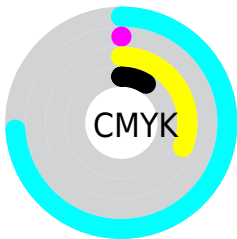
Distribution



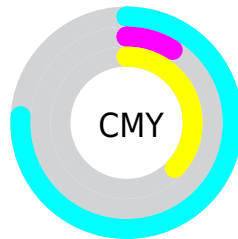
- Red (24%)
- Green (91%)
- Blue (63%)



- Red (24%)
- Yellow (66%)
- Blue (91%)



- Cyan (74%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (76%)
- Magenta (9%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CE9A1 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 3CE9A1 by changing the saturation by 10% instead.

 3CE9A1

 3CE9A1

FFFFFF

 00CC87

 83FFD8

 00B06D

 A2FFF5

 009454

 C1FFFF

 007A3D

 E0FFFF

 006026

 004610

 002F00

 001200

 000000

 3CE9A1

 3CE9A1

 25E997

 53E9AB

 0DE98E

 6BE9B4

 00E988

 82E9BE

 99E9C8

 B1E9D1

 C8E9DB

 DFE9E5

 F6E9EF

 FFE9F8

Harmonies

Analogous

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



9FE06D



3CE9A1



00ECD9

Triad

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



3CE9A1



83CFFF



FFA686

Complementary

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



3CE9A1



E93C84

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.



FF9ABE



3CE9A1



EAB7FF

Square

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



3CE9A1



00E0FF



FFA1FB



FFBC5D

Rectangle

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



3CE9A1



00EBFF



FFA1FB



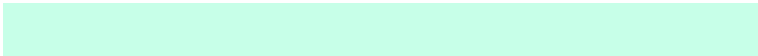
FFA098

Sweetspot

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



3CE9A1



C7FFE8



84E93C



5E8072



000000



808080

Same Dimension

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



3CE9A1



1CFFA1



3CDBE9



6A7570



00B56A



00361F

Inverse Universe

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



E93C84



FF1C7B



E94A3C



756A6E



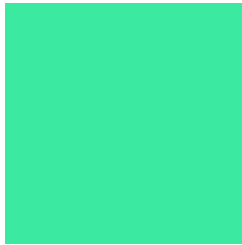
B5004B



360016

Previews

White Background



This preview shows how the Hex color 3CE9A1 looks on a white background.

Color Contrast Check

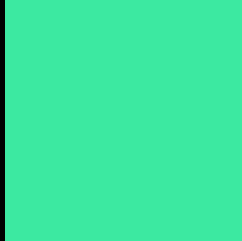
Large Text (above 18pt) WCAG AA × Fail

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 3CE9A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

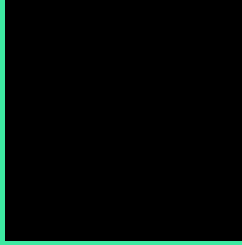
Any Text WCAG AA ✓ Pass

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 3CE9A1 Background



This preview shows how black text looks on a background with the Hex color 3CE9A1.

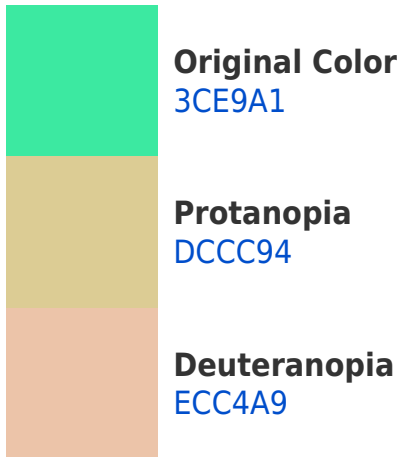


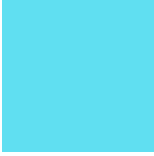
This preview shows how white text looks on a background with the Hex color 3CE9A1.

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
60DFF1

Trichromacy



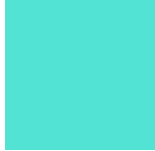
Original Color
3CE9A1



Protanomaly
A2D799



Deuteranomaly
ACD1A6

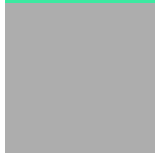


Tritanomaly
53E3D4

Monochromacy



Original Color
3CE9A1



Achromatopsia
ADADAD



Achromatomaly
84C3A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CE9A1 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 #3CE9A1 looks like.

```
.text, #text, p{  
    color:#3CE9A1  
}
```

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 #3CE9A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE9A1
}
```

Border

The CSS property to change the border of an element to Hex 3CE9A1 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
#3CE9A1 }
```

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

```
.border{ border-color:#3CE9A1 }
```

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

Here you see how a box with a 4 pixel #3CE9A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE9A1; -webkit-box-shadow:4px 4px  
4px 4px #3CE9A1; box-shadow:4px 4px 4px  
4px #3CE9A1 }
```

Background

The CSS property to change the background color of an element to Hex 3CE9A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE9A1 }
```

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

```
.background{ background-color:#3CE9A1 }
```

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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