

# Converting Colors

Hex(3CE197)

Have a look what the booklet for  
Hex(3CE197) contains.

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**Color**

**Hex(3CE197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CE197
RGB	60, 225, 151
RGB Percent	24%, 88%, 59%
CMY	0.7647, 0.1176, 0.4078
CMYK	0.73, 0.00, 0.33, 0.12
HSL	153°, 73%, 56%
HSV	153°, 73%, 88%
XYZ	34.3746, 57.0455, 38.4773
YIQ	167.2290, -74.5860, -57.9940

# Conversions

## Conversions Part 2

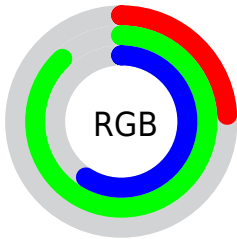
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 166, 225
Decimal	3989911
CIELab	80.21, -58.44, 24.47
CIELCh	80, 63.359, 157.279
Yxy	57.0455, 0.2646, 0.4392
Android (android.graphics.Color)	4282179991 (0xFF3CE197)
YUV	167.2290, -8.0009, -94.0398
Hunter-Lab	75.5284, -50.9356, 22.6651

# Details

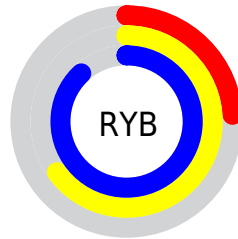
The Hex color **3CE197** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E13C86**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **81FFCE**, and **00A864** is the 20% darker color. If you saturate the color by 10%, you get **26E18D**, and if you desaturate by 10%, it is **53E1A1**.

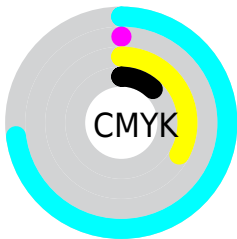
# Distribution



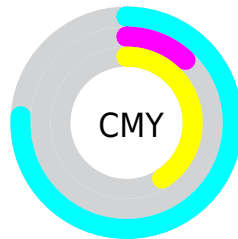
- Red (24%)
- Green (88%)
- Blue (59%)



- Red (24%)
- Yellow (65%)
- Blue (88%)



- Cyan (73%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)



- Cyan (76%)
- Magenta (12%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CE197 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 3CE197 by changing the saturation by 10% instead.



 3CE197

 3CE197

FFFFFF

 00C47D

 81FFCE

 00A864

 A0FFEA

 008D4B

 BFFFFFF

 007234

 DEFFFF

 00591D

 FFFFFFF

 004006

 002800

 000100

 000000

 3CE197

 3CE197

 26E18D

 53E1A1

 0FE183

 69E1AB

 00E17C

 7FE1B5

 96E1BF

 ADE1C9

 C3E1D4

 DAE1DE

 F0E1E8

 FFE1F2

# Harmonies

## Analogous

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



9CD864



3CE197



00E4D4

# Triad

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



3CE197



73C9FF



FF9E82

# Complementary

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



3CE197



E13C86

# 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.



FF93BB



3CE197



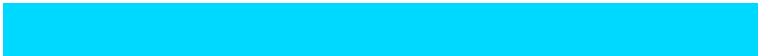
DEB1FF

# Square

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



3CE197



00D9FF



FF9BF6



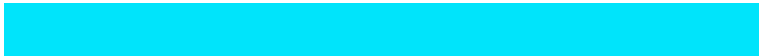
FFB358

# Rectangle

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



3CE197



00E4FB



FF9BF6



FF9894

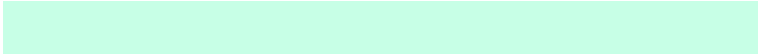


# Sweetspot

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



3CE197



C7FFE6



86E13C



5E8071



000000



808080



# Same Dimension

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



3CE197



1FFF9A



3CD9E1



65706B



00B061



00301B



# Inverse Universe

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



E13C86



FF1F83



E1443C



70656A



B0004F

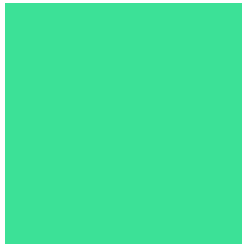


300016



# Previews

## White Background



This preview shows how the Hex color 3CE197 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 3CE197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

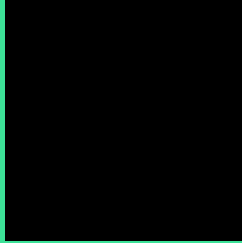
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CE197 Background



This preview shows how black text looks on a background with the Hex color 3CE197.

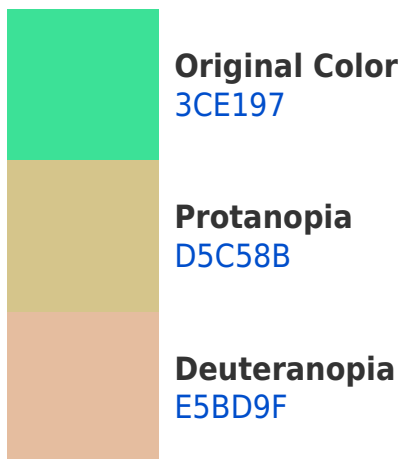


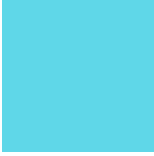
This preview shows how white text looks on a background with the Hex color 3CE197.

# 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**  
5FD7E8

# Trichromacy



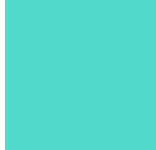
**Original Color**  
3CE197



**Protanomaly**  
9DCF8F



**Deuteranomaly**  
A8CA9C

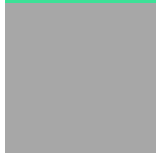


**Tritanomaly**  
52DBCB

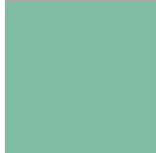
# Monochromacy



**Original Color**  
3CE197



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
80BCA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CE197 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 #3CE197 looks like.

```
.text, #text, p{  
    color:#3CE197  
}
```

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 #3CE197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE197
}
```

## Border

The CSS property to change the border of an element to Hex 3CE197 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
#3CE197 }
```

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

```
.border{ border-color:#3CE197 }
```

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

Here you see how a box with a 4 pixel #3CE197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE197; -webkit-box-shadow:4px 4px  
4px 4px #3CE197; box-shadow:4px 4px 4px  
4px #3CE197 }
```

# Background

The CSS property to change the background color of an element to Hex 3CE197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE197 }
```

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

```
.background{ background-color:#3CE197 }
```

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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