

Converting Colors

Hex(3CE3B7)

Have a look what the booklet for
Hex(3CE3B7) contains.

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Color

Hex(3CE3B7)

Conversions

Conversions Part 1

Format	Color
Hex	3CE3B7
RGB	60, 227, 183
RGB Percent	24%, 89%, 72%
CMY	0.7647, 0.1098, 0.2824
CMYK	0.74, 0.00, 0.19, 0.11
HSL	164°, 75%, 56%
HSV	164°, 74%, 89%
XYZ	37.8798, 59.3177, 54.2527
YIQ	172.0510, -85.4080, -49.0880

Conversions

Conversions Part 2

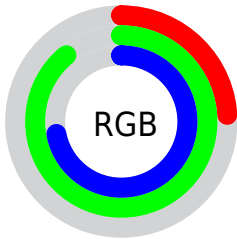
Format	Color
RYB	60, 156, 227
Decimal	3990455
CIELab	81.47, -52.16, 9.49
CIELCh	81, 53.014, 169.690
Yxy	59.3177, 0.2501, 0.3917
Android (android.graphics.Color)	4282180535 (0xFF3CE3B7)
YUV	172.0510, 5.3979, -98.2687
Hunter-Lab	77.0180, -46.9897, 12.1478

Details

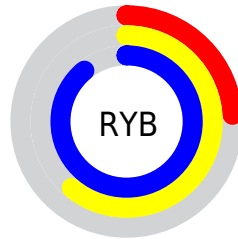
The Hex color **3CE3B7** is a light color, and the websafe version is hex **33CC99**. The color can be described as light washed spring green. A complement of this color would be **E33C68**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **82FFEF**, and **00AB82** is the 20% darker color. If you saturate the color by 10%, you get **25E3B1**, and if you desaturate by 10%, it is **53E3BD**.

Distribution



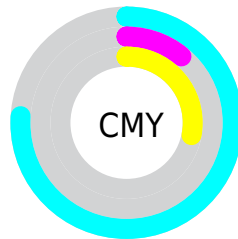
- Red (24%)
- Green (89%)
- Blue (72%)



- Red (24%)
- Yellow (61%)
- Blue (89%)



- Cyan (74%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (76%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CE3B7 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 3CE3B7 by changing the saturation by 10% instead.

 3CE3B7

 3CE3B7


FFFFFF

 00C69C

 82FFEF

 00AB82

 A2FFFF

 008F69

 C1FFFF

 007551

 DFFFFF

 005B3A

 004224

 002C0F

 000A00

 000000

 3CE3B7

 3CE3B7

 25E3B1

 53E3BD

 0FE3AB

 69E3C3

 00E3A7

 80E3C9

 97E3CF

 AEE3D5

 C4E3DB

 DBE3E1

 F2E3E7

 FFE3ED

Harmonies

Analogous

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



8FDD88



3CE3B7



00E4EA

Triad

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



3CE3B7



B4C4FF



FFB081

Complementary

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



3CE3B7



E33C68

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.



FFA3AC



3CE3B7



F7B1FF

Square

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



3CE3B7



4BD5FF



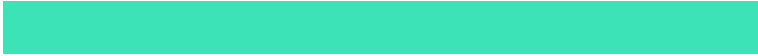
FFA3DE



F8C267

Rectangle

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



3CE3B7



00E2FF



FFA3DE



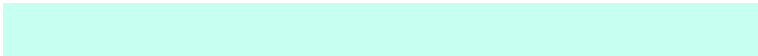
FFAB8D

Sweetspot

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



3CE3B7



C7FFF0



69E33C



5E8077



000000



808080

Same Dimension

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



3CE3B7



1FFFC4



3CBCE3



677370



00B383



003326

Inverse Universe

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



E33C68



FF1F5A



E3633C



73676A



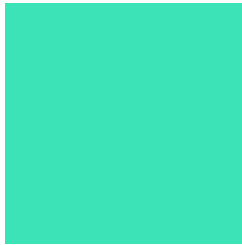
B3002F



33000D

Previews

White Background



This preview shows how the Hex color 3CE3B7 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 3CE3B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

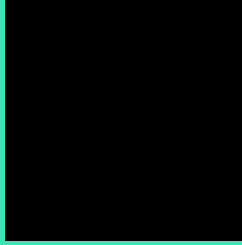
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

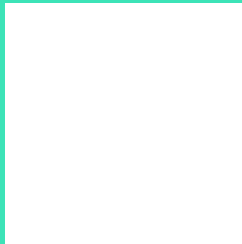
Any Text WCAG AAA ✓ Pass

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

Hex 3CE3B7 Background



This preview shows how black text looks on a background with the Hex color 3CE3B7.

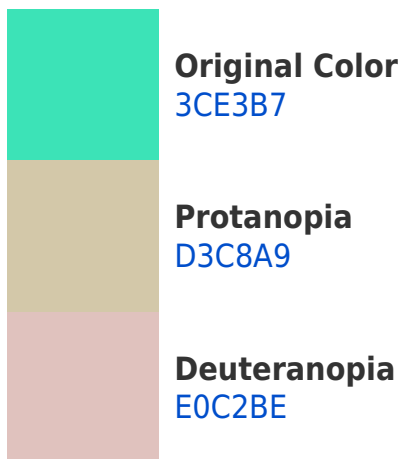


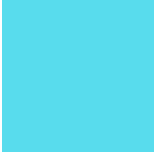
This preview shows how white text looks on a background with the Hex color 3CE3B7.

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
58DCED

Trichromacy



Original Color
3CE3B7



Protanomaly
9CD2AE



Deuteranomaly
A4CEBB

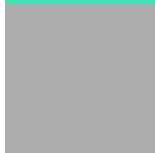


Tritanomaly
4EDFD9

Monochromacy



Original Color
3CE3B7



Achromatopsia
ACACAC



Achromatomaly
83C0B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CE3B7 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 #3CE3B7 looks like.

```
.text, #text, p{  
    color:#3CE3B7  
}
```

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 #3CE3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE3B7
}
```

Border

The CSS property to change the border of an element to Hex 3CE3B7 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
#3CE3B7 }
```

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

```
.border{ border-color:#3CE3B7 }
```

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

Here you see how a box with a 4 pixel #3CE3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE3B7; -webkit-box-shadow:4px 4px  
4px 4px #3CE3B7; box-shadow:4px 4px 4px  
4px #3CE3B7 }
```

Background

The CSS property to change the background color of an element to Hex 3CE3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE3B7 }
```

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

```
.background{ background-color:#3CE3B7 }
```

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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