

# Converting Colors

Hex(4CE6AB)

Have a look what the booklet for  
Hex(4CE6AB) contains.

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# Color

**Hex(4CE6AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CE6AB
RGB	76, 230, 171
RGB Percent	30%, 90%, 67%
CMY	0.7020, 0.0980, 0.3294
CMYK	0.67, 0.00, 0.26, 0.10
HSL	157°, 75%, 60%
HSV	157°, 67%, 90%
XYZ	38.6280, 61.0704, 48.2799
YIQ	177.2280, -72.8450, -50.9970

# Conversions

## Conversions Part 2

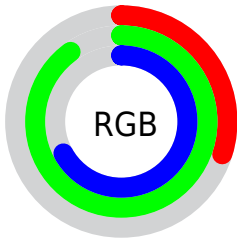
Format	Color
<a href="#">RYB</a>	<a href="#">76, 171, 230</a>
Decimal	<a href="#">5039787</a>
CIELab	<a href="#">82.42, -53.85, 17.17</a>
CIElCh	<a href="#">82, 56.521, 162.311</a>
Yxy	<a href="#">61.0704, 0.2610, 0.4127</a>
Android (android.graphics.Color)	<a href="#">4283229867 (0xFF4CE6AB)</a>
YUV	<a href="#">177.2280, -3.0704, -88.7770</a>
Hunter-Lab	<a href="#">78.1476, -48.5265, 18.0736</a>

# Details

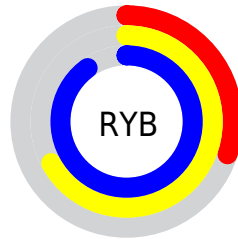
The Hex color **4CE6AB** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E64C87**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **8DFFE2**, and **00AD77** is the 20% darker color. If you saturate the color by 10%, you get **35E6A2**, and if you desaturate by 10%, it is **63E6B4**.

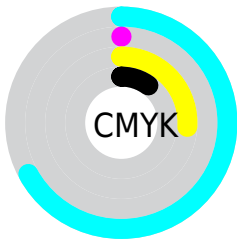
# Distribution



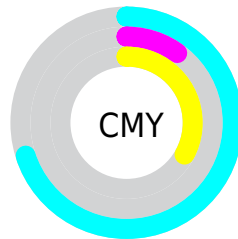
- Red (30%)
- Green (90%)
- Blue (67%)



- Red (30%)
- Yellow (67%)
- Blue (90%)



- Cyan (67%)
- Magenta (0%)
- Yellow (26%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CE6AB 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 4CE6AB by changing the saturation by 10% instead.



 4CE6AB

 4CE6AB

FFFFFF

 21C990

 8DFFE2

 00AD77

 ACFFFF

 00925E

 CAFFFF

 007746

 E9FFFF

 005D2F

 00441A

 002E00

 001000

 000000

 4CE6AB

 4CE6AB


 35E6A2

 63E6B4

 1EE699

 7AE6BD

 07E691

 91E6C5

 00E68E

 A8E6CE

 BFE6D7

 D6E6E0

 EDE6E9

 FFE6F1

 FFE6FA

# Harmonies

## Analogous

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



9DDE7C



4CE6AB



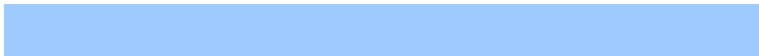
00E8E2

# Triad

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



4CE6AB



9DCBFF



FFAC88

# Complementary

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



4CE6AB



E64C87

# 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.



FFA1B9



4CE6AB



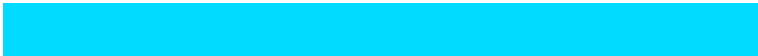
EEB7FF

# Square

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



4CE6AB



00DBFF



FFA5EF



FFBF67

# Rectangle

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



4CE6AB



00E7FF



FFA5EF



FFA797

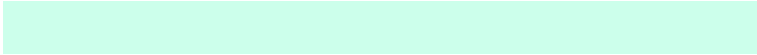


# Sweetspot

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



4CE6AB



CCFFEB



87E64C



618074



000000



808080



# Same Dimension

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



4CE6AB



33FFB1



4CD4E6



67736E



00B36E



00331F



# Inverse Universe

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



E64C87



FF3381



E65E4C



73676C



B30044

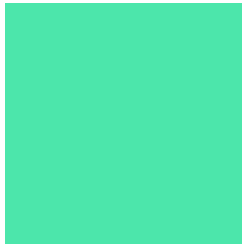


330014



# Previews

## White Background



This preview shows how the Hex color 4CE6AB 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 4CE6AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

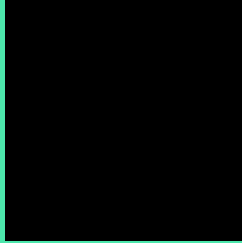
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CE6AB Background



This preview shows how black text looks on a background with the Hex color 4CE6AB.

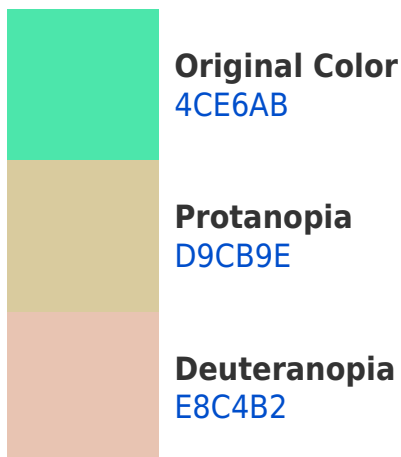


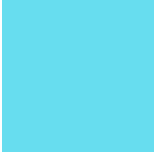
This preview shows how white text looks on a background with the Hex color 4CE6AB.

# 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**  
67DDEF

# Trichromacy



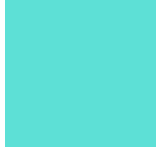
**Original Color**  
4CE6AB



**Protanomaly**  
A6D5A3



**Deuteranomaly**  
AFD0AF



**Tritanomaly**  
5DE0D6

# Monochromacy



**Original Color**  
4CE6AB



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
8CC4AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CE6AB 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 #4CE6AB looks like.

```
.text, #text, p{  
    color:#4CE6AB  
}
```

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 #4CE6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CE6AB
}
```

## Border

The CSS property to change the border of an element to Hex 4CE6AB 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
#4CE6AB }
```

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

```
.border{ border-color:#4CE6AB }
```

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

Here you see how a box with a 4 pixel #4CE6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CE6AB; -webkit-box-shadow:4px 4px  
4px 4px #4CE6AB; box-shadow:4px 4px 4px  
4px #4CE6AB }
```

# Background

The CSS property to change the background color of an element to Hex 4CE6AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CE6AB }
```

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

```
.background{ background-color:#4CE6AB }
```

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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