

# Converting Colors

Hex(8CE0AA)

Have a look what the booklet for  
Hex(8CE0AA) contains.

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**Color**

**Hex(8CE0AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CE0AA
RGB	140, 224, 170
RGB Percent	55%, 88%, 67%
CMY	0.4510, 0.1216, 0.3333
CMYK	0.37, 0.00, 0.24, 0.12
HSL	141°, 58%, 71%
HSV	141°, 37%, 88%
XYZ	44.7266, 61.7890, 47.5993
YIQ	192.7280, -32.7300, -34.6020

# Conversions

## Conversions Part 2

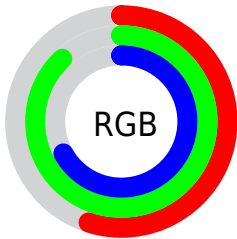
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 202, 224
Decimal	9232554
CIELab	82.80, -36.96, 18.56
CIELCh	83, 41.357, 153.340
Yxy	61.7890, 0.2902, 0.4009
Android (android.graphics.Color)	4287422634 (0xFF8CE0AA)
YUV	192.7280, -11.2049, -46.2425
Hunter-Lab	78.6060, -35.9946, 19.1215

# Details

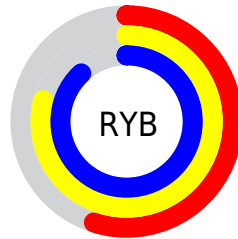
The Hex color **8CE0AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E08CC2**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C4FFE1**, and **56A876** is the 20% darker color. If you saturate the color by 10%, you get **76E09C**, and if you desaturate by 10%, it is **A2E0B8**.

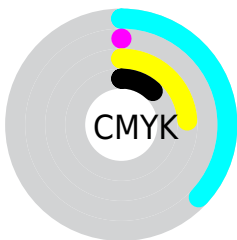
# Distribution



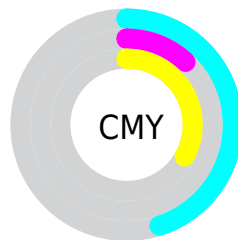
- Red (55%)
- Green (88%)
- Blue (67%)



- Red (55%)
- Yellow (79%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CE0AA 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 8CE0AA by changing the saturation by 10% instead.



 8CE0AA

 8CE0AA

FFFFFF

 71C48F

 C4FFE1

 56A876

 E1FFFE

 3A8D5D

FEFFFF

 1B7345

 005A2E

 004219

 002B00

 001100

 000000

 8CE0AA

 8CE0AA

 76E09C

 A2E0B8

 5FE08D

 B9E0C7

 49E07F

 CFE0D5

 32E070

 E6E0E4

 1CE062

 FCE0F2

 06E054

 FFE0FF

 00E050

# Harmonies

## Analogous

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



BBD98C



8CE0AA



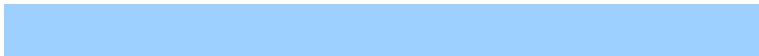
5AE3D1

# Triad

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



8CE0AA



9ED0FF



FFB4A5

# Complementary

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



8CE0AA



E08CC2

# 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.



FFB0CB



8CE0AA



D9C2FF

# Square

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



8CE0AA



5DDBFF



FFB6F2



FFC08A

# Rectangle

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



8CE0AA



3DE3EC



FFB6F2



FFB2B1

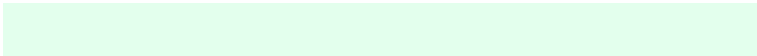


# Sweetspot

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



8CE0AA



E3FFED



C3E08C



6F8075



000000



808080

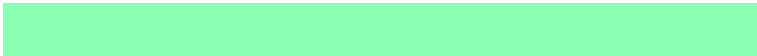


# Same Dimension

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



8CE0AA



8CFFB5



8CE0D3



657069



00B03F



003011



# Inverse Universe

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



E08CC2



FF8CD6



E08C99



70656C



B00071



30001F



# Previews

## White Background



This preview shows how the Hex color 8CE0AA looks on a white background.

## Color Contrast Check

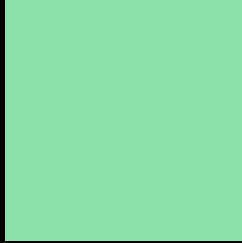
Large Text (above 18pt) WCAG AA × Fail

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 8CE0AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

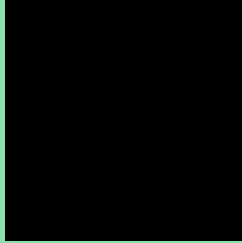
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CE0AA Background



This preview shows how black text looks on a background with the Hex color 8CE0AA.

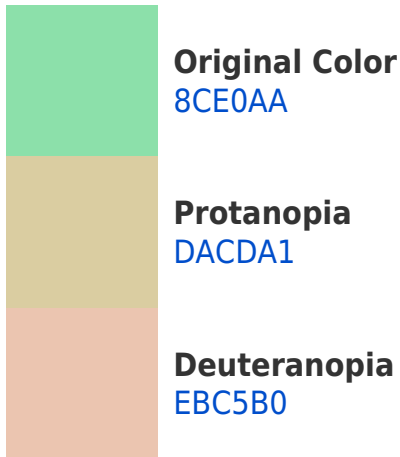


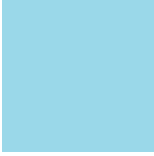
This preview shows how white text looks on a background with the Hex color 8CE0AA.

# 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](#).

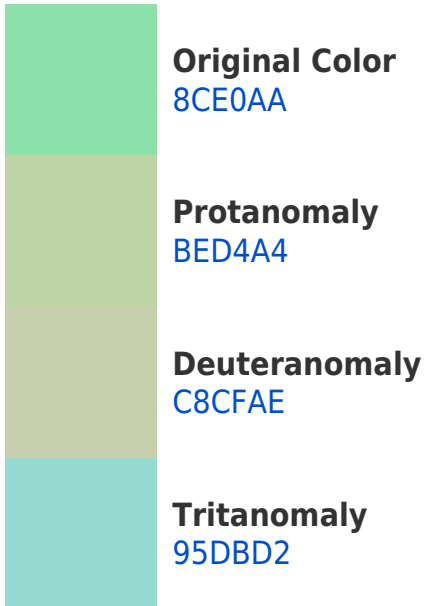
## Dichromacy



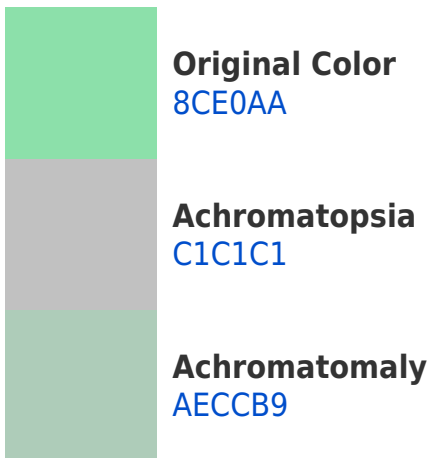


**Tritanopia**  
9AD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CE0AA 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 #8CE0AA looks like.

```
.text, #text, p{  
    color:#8CE0AA  
}
```

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 #8CE0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CE0AA
}
```

## Border

The CSS property to change the border of an element to Hex 8CE0AA 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
#8CE0AA }
```

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

```
.border{ border-color:#8CE0AA }
```

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

Here you see how a box with a 4 pixel #8CE0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CE0AA; -webkit-box-shadow:4px 4px  
4px 4px #8CE0AA; box-shadow:4px 4px 4px  
4px #8CE0AA }
```

# Background

The CSS property to change the background color of an element to Hex 8CE0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CE0AA }
```

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

```
.background{ background-color:#8CE0AA }
```

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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