

# Converting Colors

Hex(8DCEAB)

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

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# Color

**Hex(8DCEAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DCEAB
RGB	141, 206, 171
RGB Percent	55%, 81%, 67%
CMY	0.4471, 0.1922, 0.3294
CMYK	0.32, 0.00, 0.17, 0.19
HSL	148°, 40%, 68%
HSV	148°, 32%, 81%
XYZ	40.4065, 52.7456, 46.5794
YIQ	182.5750, -27.5050, -24.6650

# Conversions

## Conversions Part 2

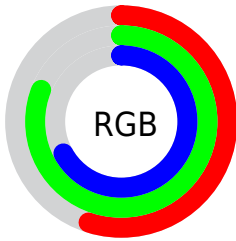
Format	Color
<a href="#">RYB</a>	<a href="#">141, 185, 206</a>
Decimal	<a href="#">9293483</a>
CIELab	<a href="#">77.72, -28.03, 10.90</a>
CIELCh	<a href="#">78, 30.069, 158.755</a>
Yxy	<a href="#">52.7456, 0.2892, 0.3775</a>
Android (android.graphics.Color)	<a href="#">4287483563 (0xFF8DCEAB)</a>
YUV	<a href="#">182.5750, -5.7065, -36.4613</a>
Hunter-Lab	<a href="#">72.6262, -27.7850, 12.8122</a>

# Details

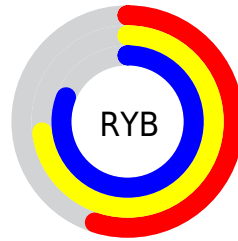
The Hex color **8DCEAB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE8DB0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C4FFE2**, and **589777** is the 20% darker color. If you saturate the color by 10%, you get **78CEA0**, and if you desaturate by 10%, it is **A2CEB6**.

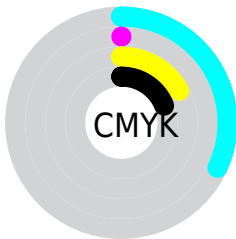
# Distribution



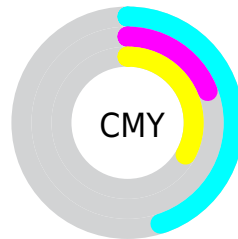
- Red (55%)
- Green (81%)
- Blue (67%)



- Red (55%)
- Yellow (73%)
- Blue (81%)



- Cyan (32%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)



- Cyan (45%)
- Magenta (19%)
- Yellow (33%)

# Brightness & Saturation Gradients

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





8DCEAB



8DCEAB

FFFFFF



72B290



C4FFE2



589777



E1FFFF



3F7D5E

FEFFFF



246446



044C30



00341B



002100



000000



8DCEAB



8DCEAB

 78CEA0

 A2CEB6

 64CE95

 B6CEC1

 4FCE8A

 CBCECC

 3BCE7F

 DFCED7

 26CE74

 F4CEE2

 11CE68

 FFCEEE

 00CE5F

 FFCEF9

 FFCEFF

# Harmonies

## Analogous

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



ADC994



8DCEAB



72D0C8

# Triad

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



8DCEAB



A9C0F7



F5AF9E

# Complementary

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



8DCEAB



CE8DB0

# 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.



F8ACB9



8DCEAB



CFB6EC

# Square

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



8DCEAB



82C8F3



EBAED5



E5B88D

# Rectangle

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



8DCEAB



6BCFDA



EBAED5



F8ADA7



# Sweetspot

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



8DCEAB



E8FFF3



B1CE8D



718078



000000



808080

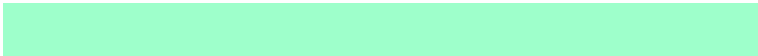


# Same Dimension

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



8DCEAB



9EFFCB



8DCECB



5C6661



00A64D



002612



# Inverse Universe

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



CE8DB0



FF9ED2



CE8D90



665C61



A60059



260015



# Previews

## White Background



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

## Color Contrast Check

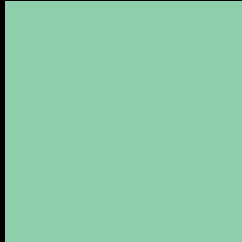
Large Text (above 18pt) WCAG AA × Fail

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 8DCEAB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

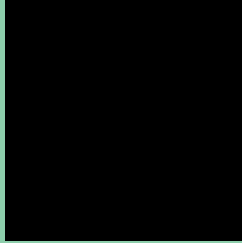
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DCEAB Background



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

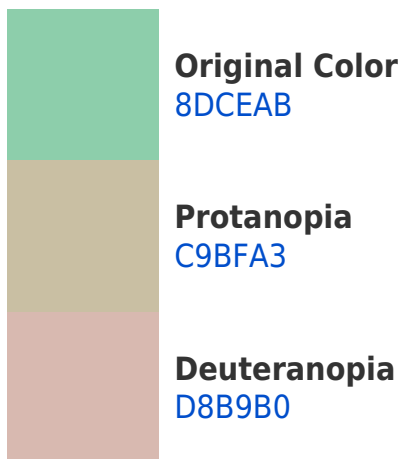


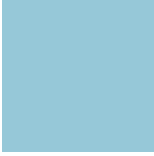
This preview shows how white text looks on a background with the Hex color 8DCEAB.

# 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](#).

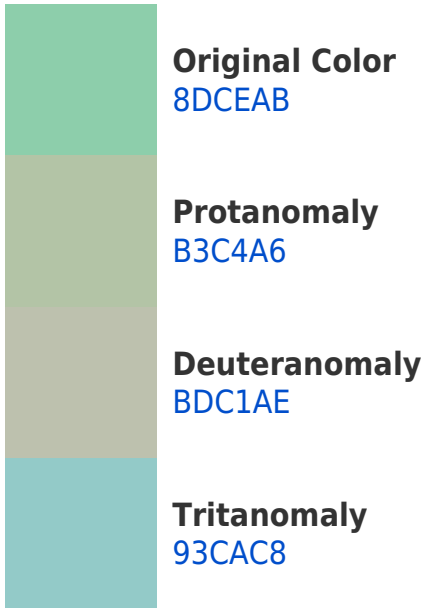
## Dichromacy



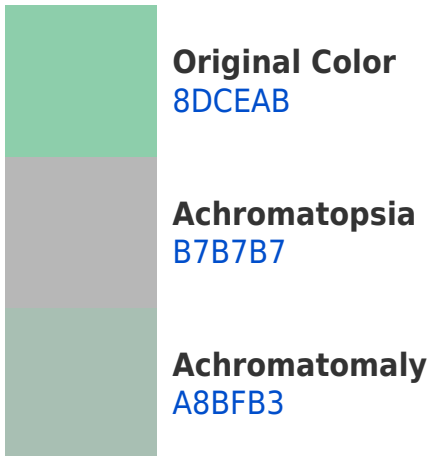


**Tritanopia**  
96C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #8DCEAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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