

# Converting Colors

Hex(8AE996)

Have a look what the booklet for  
Hex(8AE996) contains.

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# **Color**

**Hex(8AE996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AE996
RGB	138, 233, 150
RGB Percent	54%, 91%, 59%
CMY	0.4588, 0.0863, 0.4118
CMYK	0.41, 0.00, 0.36, 0.09
HSL	128°, 68%, 73%
HSV	128°, 41%, 91%
XYZ	45.1252, 65.8831, 39.1925
YIQ	195.1330, -29.9770, -45.9530

# Conversions

## Conversions Part 2

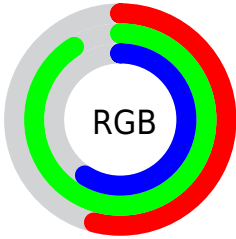
Format	Color
<a href="#">RYB</a>	<a href="#">138, 222, 233</a>
Decimal	<a href="#">9103766</a>
CIELab	<a href="#">84.94, -45.01, 31.76</a>
CIELCh	<a href="#">85, 55.090, 144.795</a>
Yxy	<a href="#">65.8831, 0.3004, 0.4386</a>
Android (android.graphics.Color)	<a href="#">4287293846 (0xFF8AE996)</a>
YUV	<a href="#">195.1330, -22.2506, -50.1056</a>
Hunter-Lab	<a href="#">81.1684, -42.8085, 28.1894</a>

# Details

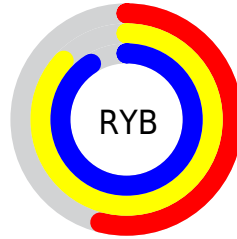
The Hex color **8AE996** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E98ADD**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C3FFCD**, and **52B162** is the 20% darker color. If you saturate the color by 10%, you get **73E982**, and if you desaturate by 10%, it is **A1E9AA**.

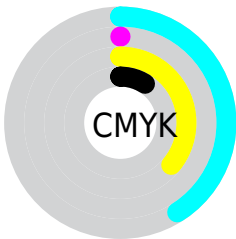
# Distribution



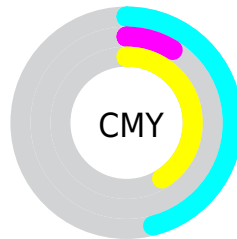
- Red (54%)
- Green (91%)
- Blue (59%)



- Red (54%)
- Yellow (87%)
- Blue (91%)



- Cyan (41%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)



- Cyan (46%)
- Magenta (9%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AE996 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 8AE996 by changing the saturation by 10% instead.



 8AE996

 8AE996

FFFFFF

 6ECC7C

 C3FFCD

 52B162

 E0FFE9

 34954A

FEFFFF

 0E7B32

 00611A

 004901

 003100

 001A00

 000000

 8AE996

 8AE996

 73E982

 A1E9AA

 5BE96D

 B9E9BF

 44E959

 D0E9D3

 2DE945

 E7E9E7

 15E930

 FEE9FC

 00E91D

 FFE9FF

# Harmonies

## Analogous

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



C8DE72



8AE996



1FEEC9

# Triad

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



8AE996



66DCFF



FFACAB

# Complementary

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



8AE996



E98ADD

# 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.



FFAADF



8AE996



CBCAFF

# Square

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



8AE996



00E9FF



FFB6FF



FFBB80

# Rectangle

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



8AE996



00EFED



FFB6FF



FFAABC

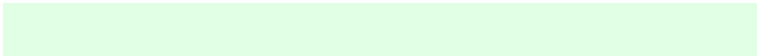


# Sweetspot

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



8AE996



E0FFE4



DEE98A



6E8070



000000



808080



# Same Dimension

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



8AE996



82FF92



8AE9C5



6A756B



00B517



003607



# Inverse Universe

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



E98ADD



FF82EF



E98AAE



756A74



B5009E

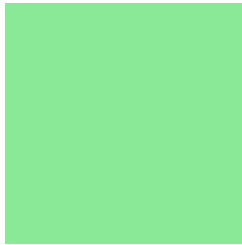


36002F



# Previews

## White Background



This preview shows how the Hex color 8AE996 looks on a white background.

## Color Contrast Check

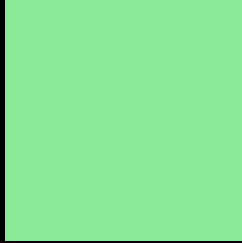
Large Text (above 18pt) WCAG AA × Fail

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 8AE996 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

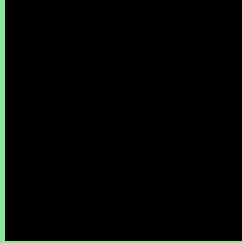
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AE996 Background



This preview shows how black text looks on a background with the Hex color 8AE996.

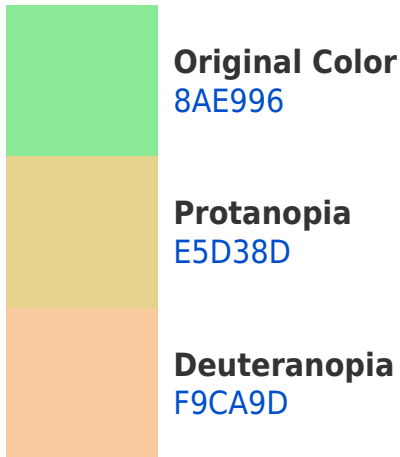


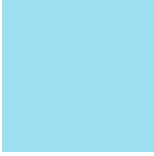
This preview shows how white text looks on a background with the Hex color 8AE996.

# 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



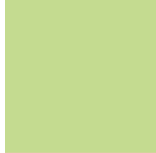


**Tritanopia**  
9DDEF0

# Trichromacy



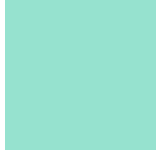
**Original Color**  
8AE996



**Protanomaly**  
C4DB90



**Deuteranomaly**  
D1D59A

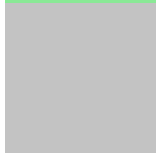


**Tritanomaly**  
96E2CF

# Monochromacy



**Original Color**  
8AE996



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
AED1B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AE996 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 #8AE996 looks like.

```
.text, #text, p{  
    color:#8AE996  
}
```

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 #8AE996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE996
}
```

## Border

The CSS property to change the border of an element to Hex 8AE996 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
#8AE996 }
```

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

```
.border{ border-color:#8AE996 }
```

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

Here you see how a box with a 4 pixel #8AE996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE996; -webkit-box-shadow:4px 4px  
4px 4px #8AE996; box-shadow:4px 4px 4px  
4px #8AE996 }
```

# Background

The CSS property to change the background color of an element to Hex 8AE996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE996 }
```

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

```
.background{ background-color:#8AE996 }
```

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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