

# Converting Colors

Hex(8AE3A3)

Have a look what the booklet for  
Hex(8AE3A3) contains.

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# **Color**

**Hex(8AE3A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AE3A3
RGB	138, 227, 163
RGB Percent	54%, 89%, 64%
CMY	0.4588, 0.1098, 0.3608
CMYK	0.39, 0.00, 0.28, 0.11
HSL	137°, 61%, 72%
HSV	137°, 39%, 89%
XYZ	44.5612, 62.9858, 44.4592
YIQ	193.0930, -32.5000, -38.7720

# Conversions

## Conversions Part 2

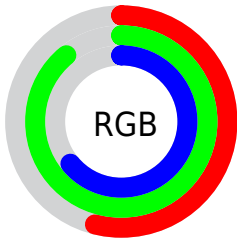
Format	Color
<a href="#">RYB</a>	<a href="#">138, 207, 227</a>
Decimal	<a href="#">9102243</a>
CIELab	<a href="#">83.43, -40.17, 23.06</a>
CIELCh	<a href="#">83, 46.322, 150.139</a>
Yxy	<a href="#">62.9858, 0.2932, 0.4144</a>
Android (android.graphics.Color)	<a href="#">4287292323 (0xFF8AE3A3)</a>
YUV	<a href="#">193.0930, -14.8358, -48.3166</a>
Hunter-Lab	<a href="#">79.3636, -38.6618, 22.3405</a>

# Details

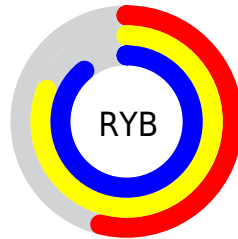
The Hex color **8AE3A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E38ACA**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C2FFDA**, and **53AB6F** is the 20% darker color. If you saturate the color by 10%, you get **73E393**, and if you desaturate by 10%, it is **A1E3B3**.

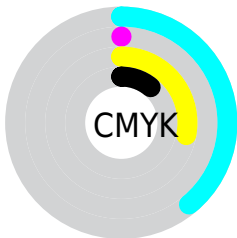
# Distribution



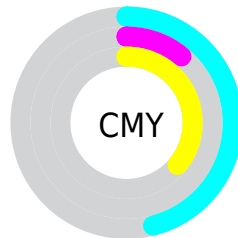
- Red (54%)
- Green (89%)
- Blue (64%)



- Red (54%)
- Yellow (81%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AE3A3 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 8AE3A3 by changing the saturation by 10% instead.





8AE3A3



8AE3A3

FFFFFF



6EC789



C2FFDA



53AB6F



DFFFF7



379056



FDFFFF



15763E



005D28



004412



002D00



001400



000000

 8AE3A3

 8AE3A3

 73E393

 A1E3B3

 5DE382

 B7E3C4

 46E372

 CEE3D4

 2FE362

 E5E3E4

 18E351

 FCE3F5

 02E341

 FFE3FF

 00E340

# Harmonies

## Analogous

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



BFDA83



8AE3A3



48E7CF

# Triad

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



8AE3A3



8ED4FF



FFB1A6

# Complementary

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



8AE3A3



E38ACA

# 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.



FFAED1



8AE3A3



D5C5FF

# Square

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



8AE3A3



32E0FF



FFB5FC



FFBE85

# Rectangle

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



8AE3A3



00E7EC



FFB5FC



FFAFB4

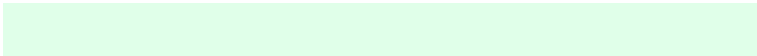


# Sweetspot

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



8AE3A3



E0FFE9



CBE38A



6E8073



000000



808080



# Same Dimension

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



8AE3A3



87FFA9



8AE3CE



67736A



00B332



00330E



# Inverse Universe

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



E38ACA



FF87DD



E38A9F



736770



B30080

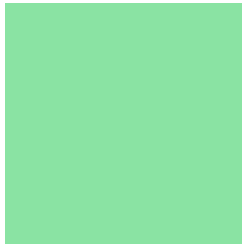


330025



# Previews

## White Background



This preview shows how the Hex color 8AE3A3 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 8AE3A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

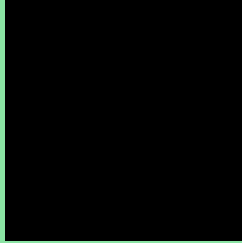
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AE3A3 Background



This preview shows how black text looks on a background with the Hex color 8AE3A3.

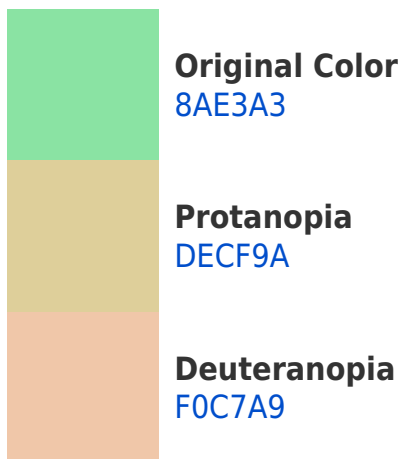


This preview shows how white text looks on a background with the Hex color 8AE3A3.

# 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](#).

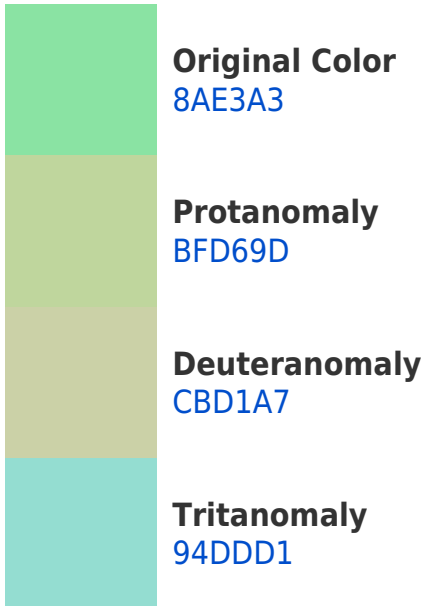
## Dichromacy



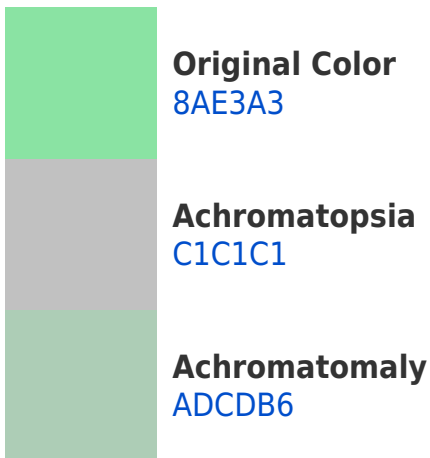


**Tritanopia**  
99DAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AE3A3 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 #8AE3A3 looks like.

```
.text, #text, p{  
    color:#8AE3A3  
}
```

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 #8AE3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE3A3  
}
```

## Border

The CSS property to change the border of an element to Hex 8AE3A3 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  
#8AE3A3 }
```

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

```
.border{ border-color:#8AE3A3 }
```

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

Here you see how a box with a 4 pixel #8AE3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE3A3; -webkit-box-shadow:4px 4px  
4px 4px #8AE3A3; box-shadow:4px 4px 4px  
4px #8AE3A3 }
```

# Background

The CSS property to change the background color of an element to Hex 8AE3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE3A3 }
```

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

```
.background{ background-color:#8AE3A3 }
```

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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