

# Converting Colors

Hex(8AE0A5)

Have a look what the booklet for  
Hex(8AE0A5) contains.

<b>Hex(8AE0A5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8AE0A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AE0A5
RGB	138, 224, 165
RGB Percent	54%, 88%, 65%
CMY	0.4588, 0.1216, 0.3529
CMYK	0.38, 0.00, 0.26, 0.12
HSL	139°, 58%, 71%
HSV	139°, 38%, 88%
XYZ	43.9284, 61.4312, 45.1394
YIQ	191.5600, -32.3170, -36.5810

# Conversions

## Conversions Part 2

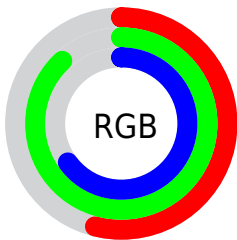
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 203, 224
Decimal	9101477
CIELab	82.61, -38.46, 20.89
CIELCh	83, 43.769, 151.495
Yxy	61.4312, 0.2919, 0.4082
Android (android.graphics.Color)	4287291557 (0xFF8AE0A5)
YUV	191.5600, -13.0941, -46.9721
Hunter-Lab	78.3781, -37.1180, 20.7184

# Details

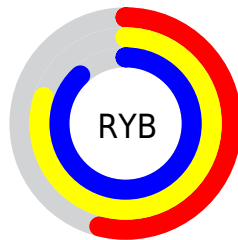
The Hex color **8AE0A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E08AC5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C2FFDC**, and **53A871** is the 20% darker color. If you saturate the color by 10%, you get **74E096**, and if you desaturate by 10%, it is **A0E0B4**.

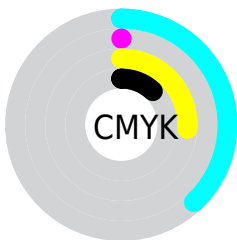
# Distribution



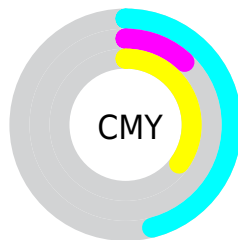
- Red (54%)
- Green (88%)
- Blue (65%)



- Red (54%)
- Yellow (80%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (46%)
- Magenta (12%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AE0A5 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 8AE0A5 by changing the saturation by 10% instead.



 8AE0A5

 8AE0A5

FFFFFF

 6FC48B

 C2FFDC

 53A871

 DFFFF9

 378D58

 FCFFFF

 177340

 005A2A

 004214

 002B00

 001100

 000000

 8AE0A5

 8AE0A5

 74E096

 A0E0B4

 5DE086

 B7E0C4

 47E077

 CDE0D3

 30E068

 E4E0E2

 1AE058

 FAE0F2

 04E049

 FFE0FF

 00E046

# Harmonies

## Analogous

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



BCD886



8AE0A5



51E4CE

# Triad

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



8AE0A5



95D1FF



FFB1A5

# Complementary

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



8AE0A5



E08AC5

# 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.



FFADCD



8AE0A5



D5C2FF

# Square

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



8AE0A5



49DCFF



FFB4F6



FFBD86

# Rectangle

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



8AE0A5



24E3EA



FFB4F6



FFAFB2

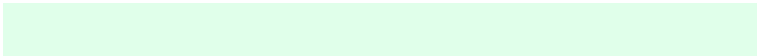


# Sweetspot

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



8AE0A5



E0FFEA



C6E08A



6E8073



000000



808080

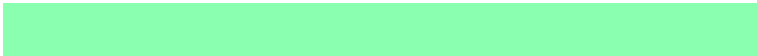


# Same Dimension

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



8AE0A5



8AFFAF



8AE0CF



657069



00B037



00300F



# Inverse Universe

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



E08AC5



FF8ADA



E08A9B



70656D



B00079

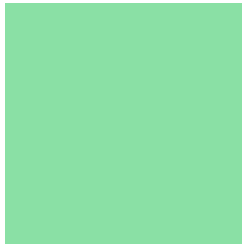


300021



# Previews

## White Background



This preview shows how the Hex color 8AE0A5 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 8AE0A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

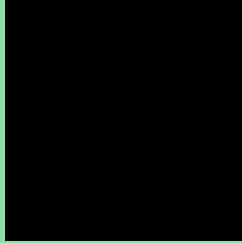
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AE0A5 Background



This preview shows how black text looks on a background with the Hex color 8AE0A5.

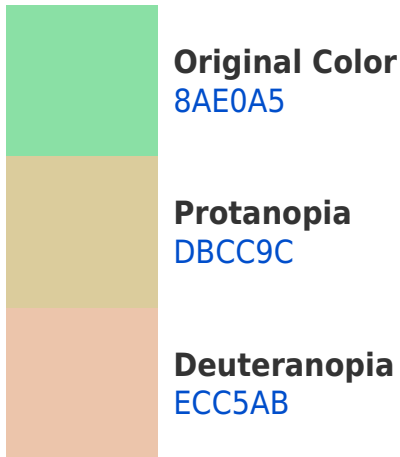


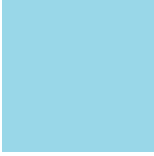
This preview shows how white text looks on a background with the Hex color 8AE0A5.

# 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](#).

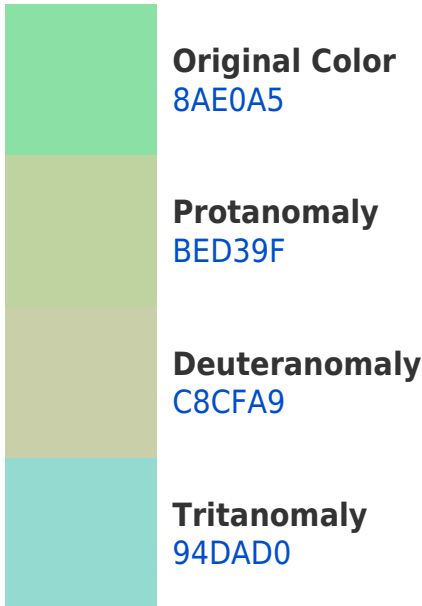
## Dichromacy



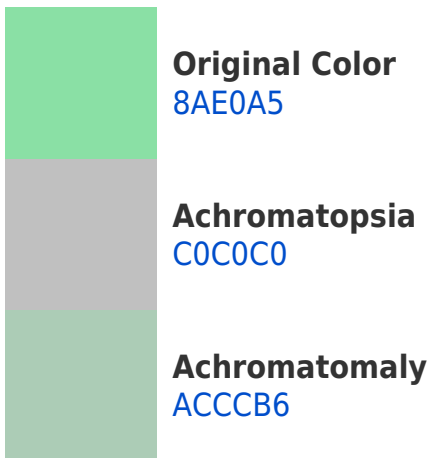


**Tritanopia**  
99D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AE0A5 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 #8AE0A5 looks like.

```
.text, #text, p{  
    color:#8AE0A5  
}
```

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 #8AE0A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE0A5
}
```

## Border

The CSS property to change the border of an element to Hex 8AE0A5 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
#8AE0A5 }
```

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

```
.border{ border-color:#8AE0A5 }
```

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

Here you see how a box with a 4 pixel #8AE0A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE0A5; -webkit-box-shadow:4px 4px  
4px 4px #8AE0A5; box-shadow:4px 4px 4px  
4px #8AE0A5 }
```

# Background

The CSS property to change the background color of an element to Hex 8AE0A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE0A5 }
```

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

```
.background{ background-color:#8AE0A5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor