

# Converting Colors

Hex(8ABE86)

Have a look what the booklet for  
Hex(8ABE86) contains.

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# **Color**

**Hex(8ABE86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ABE86
RGB	138, 190, 134
RGB Percent	54%, 75%, 53%
CMY	0.4588, 0.2549, 0.4745
CMYK	0.27, 0.00, 0.29, 0.25
HSL	116°, 30%, 64%
HSV	116°, 29%, 75%
XYZ	33.1978, 43.9514, 29.2880
YIQ	168.0680, -13.0160, -28.4400

# Conversions

## Conversions Part 2

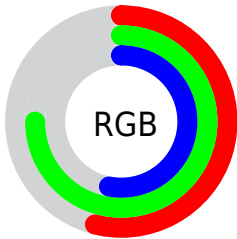
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 190, 186
Decimal	9092742
CIELab	72.20, -28.03, 22.96
CIELCh	72, 36.234, 140.684
Yxy	43.9514, 0.3119, 0.4129
Android (android.graphics.Color)	4287282822 (0xFF8ABE86)
YUV	168.0680, -16.7955, -26.3696
Hunter-Lab	66.2959, -26.6336, 20.2141

# Details

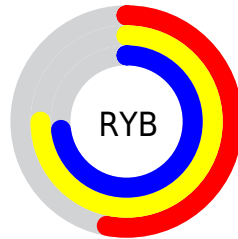
The Hex color **8ABE86** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BA86BE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C1F7BC**, and **568854** is the 20% darker color. If you saturate the color by 10%, you get **78BE73**, and if you desaturate by 10%, it is **9CBE99**.

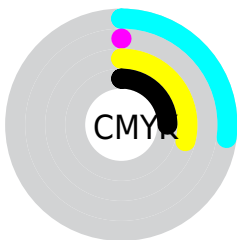
# Distribution



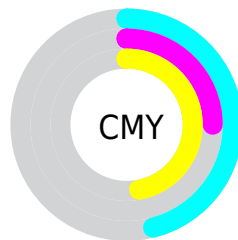
- Red (54%)
- Green (75%)
- Blue (53%)



- Red (53%)
- Yellow (75%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (25%)



- Cyan (46%)
- Magenta (25%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ABE86 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 8ABE86 by changing the saturation by 10% instead.





8ABE86



8ABE86

FFFFFF



70A36C



C1F7BC



568854



DFFFD7



3D6F3C



FAFFF4



245626



083E10



002800



000E00



000000



8ABE86



8ABE86

 78BE73

 9CBE99

 67BE60

 ADBEAC

 55BE4D

 BFBEBF

 43BE3A

 D1BED2

 32BE27

 E2BEE5

 20BE14

 F4BEF8

 0EBE01

 FFBEFF

 0EBE00

# Harmonies

## Analogous

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



B0B672



8ABE86



61C2A5

# Triad

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



8ABE86



72B7F2



F2999B

# Complementary

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



8ABE86



BA86BE

# 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.



EB99BD



8ABE86



A6ACEF

# Square

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



8ABE86



40BFE3



D1A0DB



E8A07F

# Rectangle

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



8ABE86



46C3BC



D1A0DB



F298A6

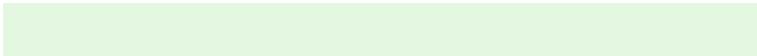


# Sweetspot

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



8ABE86



E3F7E1



BEB986



707D6F



FCFCFC



7D7D7D



# Same Dimension

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



8ABE86



A7F7A1



86BE9D



565E55



0B9E00



021F00



# Inverse Universe

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



BA86BE



F1A1F7



BE86A7



5E555E



93009E



1C001F



# Previews

## White Background



This preview shows how the Hex color 8ABE86 looks on a white background.

## Color Contrast Check

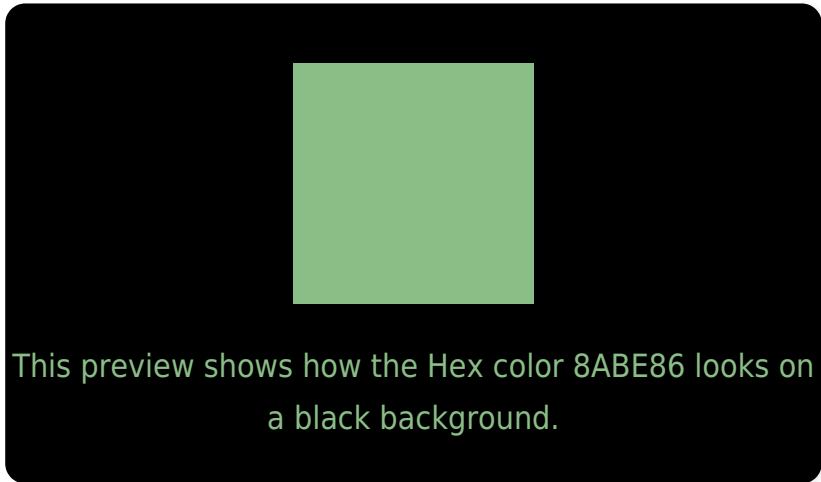
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

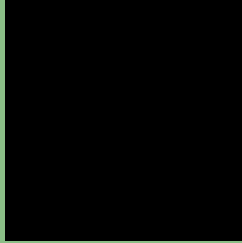
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8ABE86 Background



This preview shows how black text looks on a background with the Hex color 8ABE86.

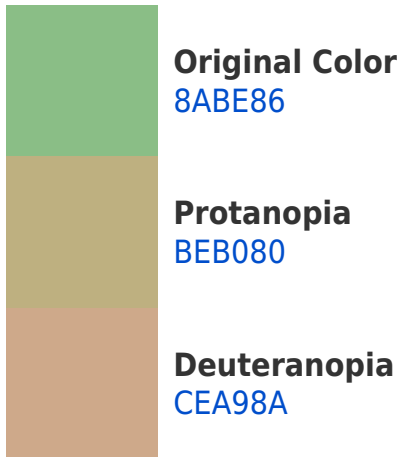


This preview shows how white text looks on a background with the Hex color 8ABE86.

# 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](#).

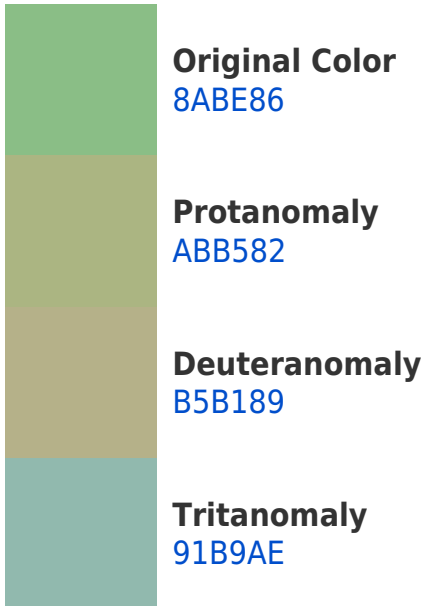
## Dichromacy



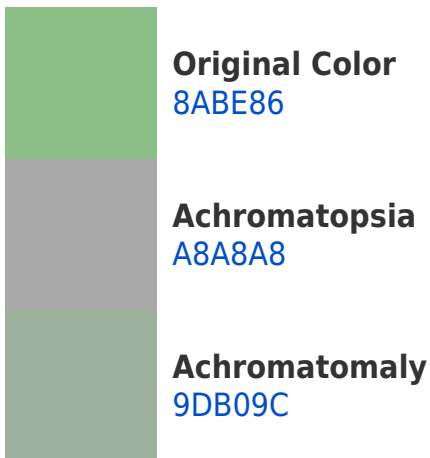


**Tritanopia**  
95B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ABE86 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 #8ABE86 looks like.

```
.text, #text, p{  
    color:#8ABE86  
}
```

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 #8ABE86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ABE86  
}
```

## Border

The CSS property to change the border of an element to Hex 8ABE86 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  
#8ABE86 }
```

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

```
.border{ border-color:#8ABE86 }
```

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

Here you see how a box with a 4 pixel #8ABE86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ABE86; -webkit-box-shadow:4px 4px  
4px 4px #8ABE86; box-shadow:4px 4px 4px  
4px #8ABE86 }
```

# Background

The CSS property to change the background color of an element to Hex 8ABE86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ABE86 }
```

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

```
.background{ background-color:#8ABE86 }
```

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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