

# Converting Colors

Hex(8AAF87)

Have a look what the booklet for  
Hex(8AAF87) contains.

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# **Color**

**Hex(8AAF87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AAF87
RGB	138, 175, 135
RGB Percent	54%, 69%, 53%
CMY	0.4588, 0.3137, 0.4706
CMYK	0.21, 0.00, 0.23, 0.31
HSL	116°, 20%, 61%
HSV	116°, 23%, 69%
XYZ	30.1844, 37.8125, 28.6293
YIQ	159.3770, -9.2120, -20.2840

# Conversions

## Conversions Part 2

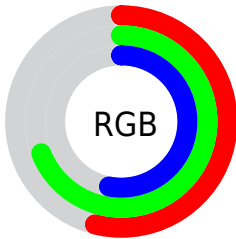
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 175, 172
Decimal	9088903
CIELab	67.88, -20.43, 16.50
CIELCh	68, 26.260, 141.086
Yxy	37.8125, 0.3124, 0.3913
Android (android.graphics.Color)	4287278983 (0xFF8AAF87)
YUV	159.3770, -12.0179, -18.7476
Hunter-Lab	61.4919, -19.9908, 15.4401

# Details

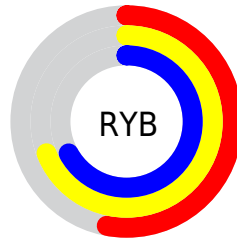
The Hex color **8AAF87** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **AC87AF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C0E7BC**, and **577A55** is the 20% darker color. If you saturate the color by 10%, you get **7AAF76**, and if you desaturate by 10%, it is **9AAF99**.

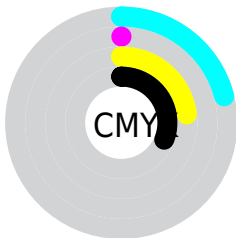
# Distribution



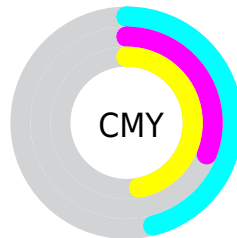
- Red (54%)
- Green (69%)
- Blue (53%)



- Red (53%)
- Yellow (69%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (31%)



- Cyan (46%)
- Magenta (31%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AAF87 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 8AAF87 by changing the saturation by 10% instead.





8AAF87



8AAF87

FFFFFF



70946E



C0E7BC



577A55



DCFFD8



3F613E



F9FFF5



284928



113313



001E00



000000



8AAF87



8AAF87



7AAF76



9AAF99

 6AAF64

 AAAFAA

 59AF53

 BBAFBB

 49AF41

 CBAFCD

 39AF2F

 DBAFDF

 29AF1E

 EBAFF0

 19AF0C

 FBAFFF

 0DAF00

 FFAFFF

# Harmonies

## Analogous

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



A5A979



8AAF87



70B29D

# Triad

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



8AAF87



7EAAD4



D69595

# Complementary

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



8AAF87



AC87AF

# 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.



D095AD



8AAF87



9FA2D1

# Square

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



8AAF87



63B0C9



BD9AC3



CE9A81

# Rectangle

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



8AAF87



63B3AE



BD9AC3



D5949D



# Sweetspot

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



8AAF87



D4E3D3



AFAC87



6A736A



F2F2F2



737373



# Same Dimension

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



8AAF87



AAE3A6



87AF98



4F574E



0B9600



021700



# Inverse Universe

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



AC87AF



DEA6E3



AF879E



564E57



8B0096



150017



# Previews

## White Background



This preview shows how the Hex color 8AAF87 looks on a white background.

## Color Contrast Check

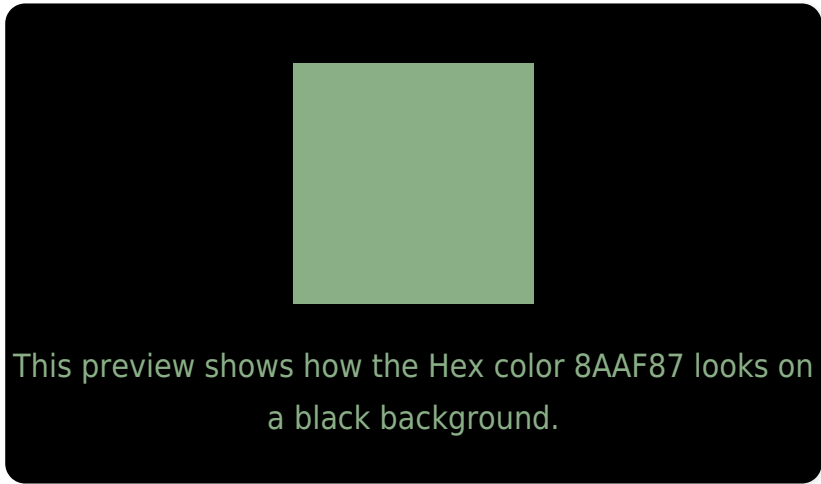
Large Text (above 18pt) WCAG AA × Fail

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

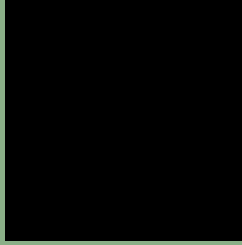
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AAF87 Background



This preview shows how black text looks on a background with the Hex color 8AAF87.



This preview shows how white text looks on a background with the Hex color 8AAF87.

# 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](#).

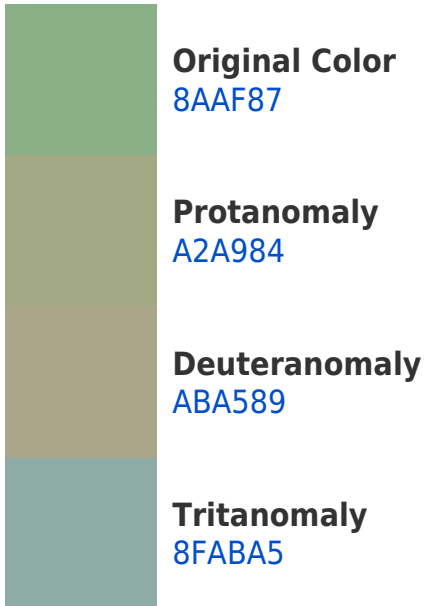
## Dichromacy



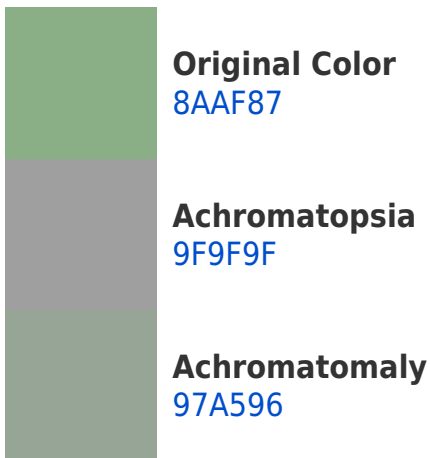


**Tritanopia**  
92A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AAF87 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 #8AAF87 looks like.

```
.text, #text, p{  
    color:#8AAF87  
}
```

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 #8AAF87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AAF87
}
```

## Border

The CSS property to change the border of an element to Hex 8AAF87 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
#8AAF87 }
```

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

```
.border{ border-color:#8AAF87 }
```

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

Here you see how a box with a 4 pixel #8AAF87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AAF87; -webkit-box-shadow:4px 4px  
4px 4px #8AAF87; box-shadow:4px 4px 4px  
4px #8AAF87 }
```

# Background

The CSS property to change the background color of an element to Hex 8AAF87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AAF87 }
```

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

```
.background{ background-color:#8AAF87 }
```

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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