

# Converting Colors

Hex(8BA087)

Have a look what the booklet for  
Hex(8BA087) contains.

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# **Color**

**Hex(8BA087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BA087
RGB	139, 160, 135
RGB Percent	55%, 63%, 53%
CMY	0.4549, 0.3725, 0.4706
CMYK	0.13, 0.00, 0.16, 0.37
HSL	110°, 12%, 58%
HSV	110°, 16%, 63%
XYZ	27.5914, 32.3798, 27.7174
YIQ	150.8710, -4.4910, -12.2270

# Conversions

## Conversions Part 2

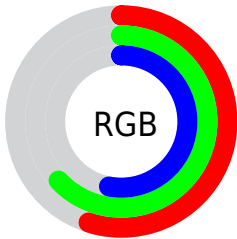
Format	Color
<a href="#">RYB</a>	<a href="#">135, 160, 156</a>
Decimal	<a href="#">9150599</a>
CIELab	<a href="#">63.66, -12.28, 10.58</a>
CIELCh	<a href="#">64, 16.209, 139.236</a>
Yxy	<a href="#">32.3798, 0.3147, 0.3693</a>
Android (android.graphics.Color)	<a href="#">4287340679</a> (0xFF8BA087)
YUV	<a href="#">150.8710, -7.8244, -10.4109</a>
Hunter-Lab	<a href="#">56.9033, -13.0291, 10.9524</a>

# Details

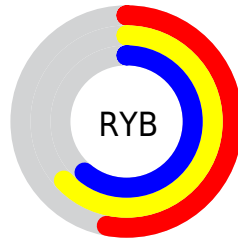
The Hex color **8BA087** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9C87A0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C1D7BC**, and **596C55** is the 20% darker color. If you saturate the color by 10%, you get **7EA077**, and if you desaturate by 10%, it is **98A097**.

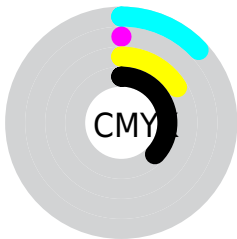
# Distribution



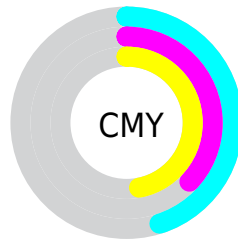
- Red (55%)
- Green (63%)
- Blue (53%)



- Red (53%)
- Yellow (63%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)



- Cyan (45%)
- Magenta (37%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BA087 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 8BA087 by changing the saturation by 10% instead.





8BA087



8BA087

FFFFFF



71866E



C1D7BC



596C55



DDF3D8



41543E



F9FFF4



2B3D28



162714



001400



000000



8BA087



8BA087



7EA077



98A097

 70A067

 A6A0A7

 63A057

 B3A0B7

 55A047

 C1A0C7

 48A037

 CEA0D7

 3AA027

 DCA0E7

 2DA017

 E9A0F7

 1FA007

 F7A0FF

 1AA000

 FFA0FF

# Harmonies

## Analogous

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



9C9C7F



8BA087



7CA294

# Triad

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



8BA087



849DB6



B99091

# Complementary

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



8BA087



9C87A0

# 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.



B491A0



8BA087



9698B5

# Square

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



8BA087



77A1AF



A894AD



B59385

# Rectangle

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



8BA087



76A39E



A894AD



B89096



# Sweetspot

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



8BA087



C8D1C7



A09C87



636962



E8E8E8



696969



# Same Dimension

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



8BA087



B0D1A9



87A08F



484F47



178F00



020F00



# Inverse Universe

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



9C87A0



CBA9D1



A08798



4E474F



78008F

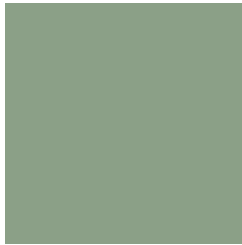


0D000F



# Previews

## White Background



This preview shows how the Hex color 8BA087 looks on a white background.

## Color Contrast Check

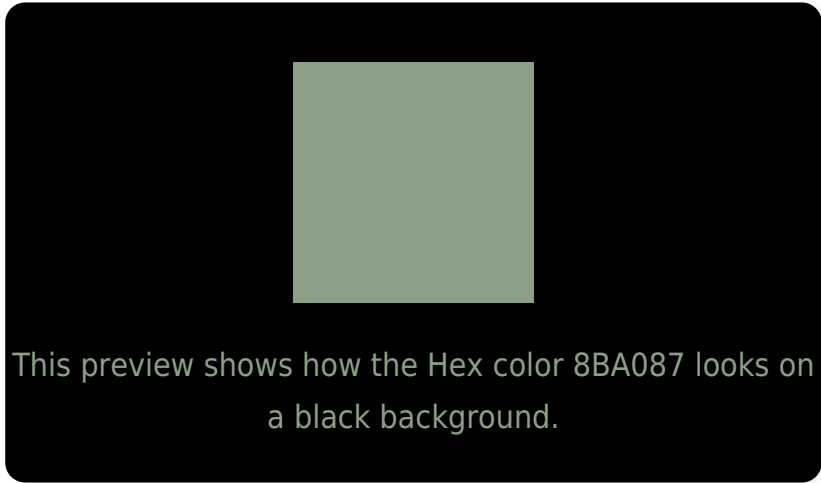
Large Text (above 18pt) WCAG AA × Fail

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

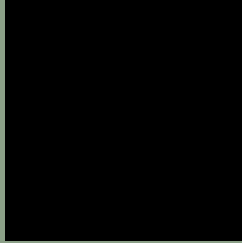
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BA087 Background



This preview shows how black text looks on a background with the Hex color 8BA087.

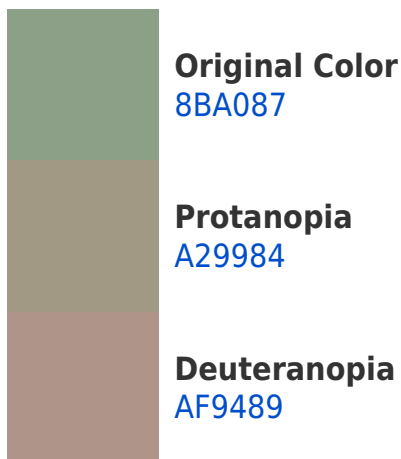


This preview shows how white text looks on a background with the Hex color 8BA087.

# 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



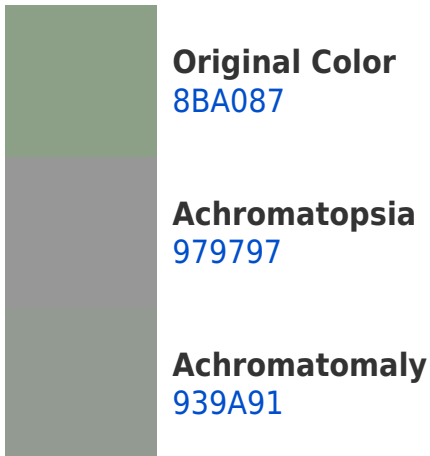


**Tritanopia**  
909BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BA087 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 #8BA087 looks like.

```
.text, #text, p{  
    color:#8BA087  
}
```

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 #8BA087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BA087
}
```

## Border

The CSS property to change the border of an element to Hex 8BA087 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
#8BA087 }
```

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

```
.border{ border-color:#8BA087 }
```

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

Here you see how a box with a 4 pixel #8BA087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BA087; -webkit-box-shadow:4px 4px  
4px 4px #8BA087; box-shadow:4px 4px 4px  
4px #8BA087 }
```

# Background

The CSS property to change the background color of an element to Hex 8BA087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BA087 }
```

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

```
.background{ background-color:#8BA087 }
```

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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