

# Converting Colors

Hex(86A49A)

Have a look what the booklet for  
Hex(86A49A) contains.

<b>Hex(86A49A)</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(86A49A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A49A
RGB	134, 164, 154
RGB Percent	53%, 64%, 60%
CMY	0.4745, 0.3569, 0.3961
CMYK	0.18, 0.00, 0.06, 0.36
HSL	160°, 14%, 58%
HSV	160°, 18%, 64%
XYZ	28.9397, 33.9523, 35.6000
YIQ	153.8900, -14.6700, -9.4700

# Conversions

## Conversions Part 2

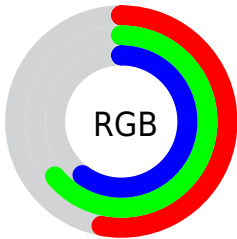
Format	Color
<a href="#">RYB</a>	<a href="#">134, 152, 164</a>
Decimal	<a href="#">8823962</a>
CIELab	<a href="#">64.92, -12.44, 1.74</a>
CIELCh	<a href="#">65, 12.561, 172.024</a>
Yxy	<a href="#">33.9523, 0.2938, 0.3447</a>
Android (android.graphics.Color)	<a href="#">4287014042</a> ( <a href="#">0xFF86A49A</a> )
YUV	<a href="#">153.8900, 0.0542, -17.4435</a>
Hunter-Lab	<a href="#">58.2686, -13.3163, 4.5640</a>

# Details

The Hex color **86A49A** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A48690**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BCDBD0**, and **547067** is the 20% darker color. If you saturate the color by 10%, you get **76A495**, and if you desaturate by 10%, it is **96A49F**.

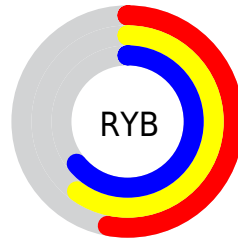
# Distribution



Red (53%)

Green (64%)

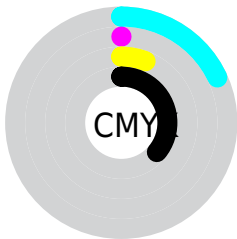
Blue (60%)



Red (53%)

Yellow (60%)

Blue (64%)

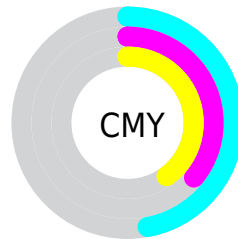


Cyan (18%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A49A 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 86A49A by changing the saturation by 10% instead.





86A49A



86A49A

FFFFFF



6C8A80



BCDBD0



547067



D7F8ED



3C584F



F4FFFF



264038



102A23



00170D



000000



86A49A



86A49A



76A495



96A49F

 65A48F

 A7A4A5

 55A48A

 B7A4AA

 44A484

 C8A4B0

 34A47F

 D8A4B5

 24A479

 E8A4BB

 13A474

 F9A4C0

 03A46E

 FFA4C6

 00A46D

 FFA4CB

# Harmonies

## Analogous

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



91A28F



86A49A



81A4A5

# Triad

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



86A49A



9C9CB2



B2988C

# Complementary

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



86A49A



A48690

# 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.



B69696



86A49A



A998AB

# Square

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



86A49A



8E9FB3



B396A1



AA9C88

# Rectangle

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



86A49A



82A3AC



B396A1



B4978F



# Sweetspot

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



86A49A



CBD6D3



90A486



656B69



EBEBEB



6B6B6B



# Same Dimension

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



86A49A



A7D6C6



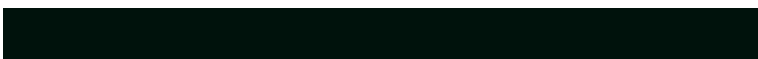
869FA4



49524F



009161



00120C



# Inverse Universe

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



A48690



D6A7B7



A48B86



52494C



910030



120006



# Previews

## White Background



This preview shows how the Hex color 86A49A looks on a white background.

## Color Contrast Check

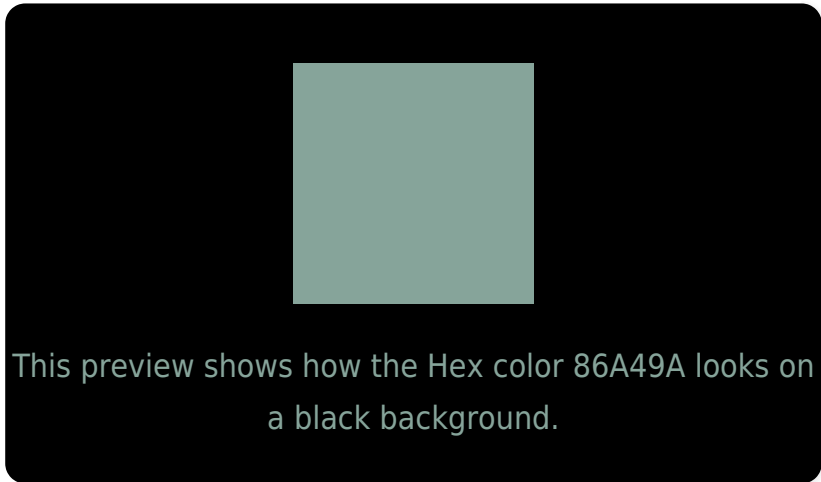
Large Text (above 18pt) WCAG AA × Fail

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

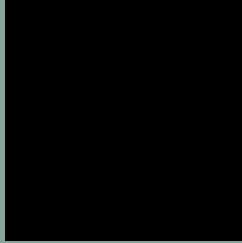
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

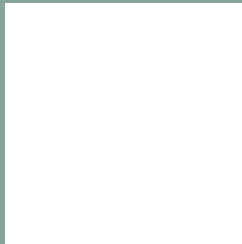
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86A49A Background



This preview shows how black text looks on a background with the Hex color 86A49A.

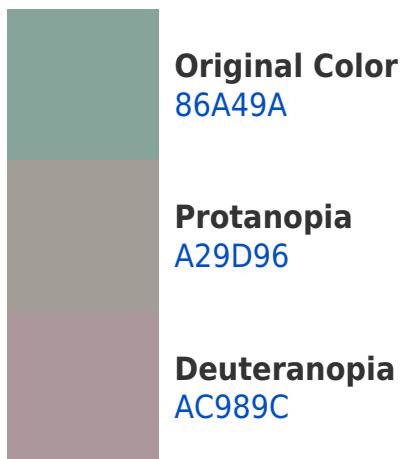


This preview shows how white text looks on a background with the Hex color 86A49A.

# 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](#).

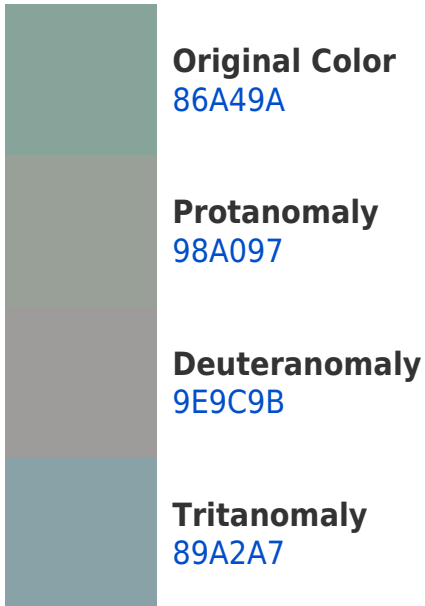
## Dichromacy



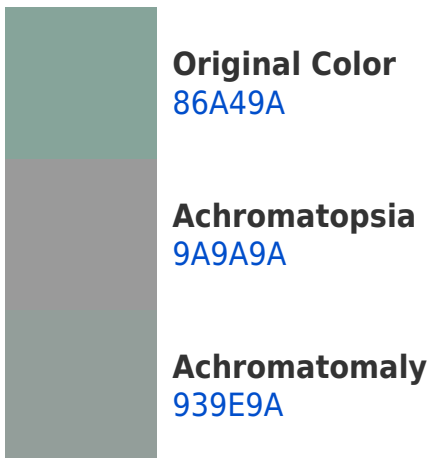


**Tritanopia**  
8AA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A49A 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 #86A49A looks like.

```
.text, #text, p{  
    color:#86A49A  
}
```

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 #86A49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A49A
}
```

## Border

The CSS property to change the border of an element to Hex 86A49A 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
#86A49A }
```

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

```
.border{ border-color:#86A49A }
```

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

Here you see how a box with a 4 pixel #86A49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A49A; -webkit-box-shadow:4px 4px  
4px 4px #86A49A; box-shadow:4px 4px 4px  
4px #86A49A }
```

# Background

The CSS property to change the background color of an element to Hex 86A49A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A49A }
```

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

```
.background{ background-color:#86A49A }
```

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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