

# Converting Colors

Hex(80A69E)

Have a look what the booklet for  
Hex(80A69E) contains.

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# **Color**

**Hex(80A69E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A69E
RGB	128, 166, 158
RGB Percent	50%, 65%, 62%
CMY	0.4980, 0.3490, 0.3804
CMYK	0.23, 0.00, 0.05, 0.35
HSL	167°, 18%, 58%
HSV	167°, 23%, 65%
XYZ	28.7099, 34.3303, 37.4610
YIQ	153.7260, -20.0800, -10.5440

# Conversions

## Conversions Part 2

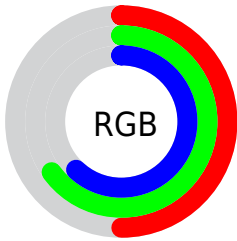
Format	Color
<a href="#">RYB</a>	<a href="#">128, 149, 166</a>
Decimal	<a href="#">8431262</a>
CIELab	<a href="#">65.22, -14.62, -0.10</a>
CIElCh	<a href="#">65, 14.623, 180.397</a>
Yxy	<a href="#">34.3303, 0.2857, 0.3416</a>
Android (android.graphics.Color)	<a href="#">4286621342 (0xFF80A69E)</a>
YUV	<a href="#">153.7260, 2.1071, -22.5617</a>
Hunter-Lab	<a href="#">58.5920, -15.0717, 3.1072</a>

# Details

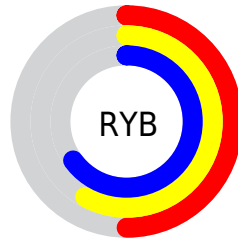
The Hex color **80A69E** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A68088**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B5DDD5**, and **4E726B** is the 20% darker color. If you saturate the color by 10%, you get **6FA69B**, and if you desaturate by 10%, it is **91A6A1**.

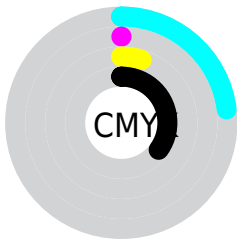
# Distribution



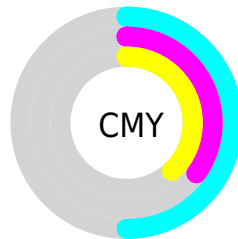
- Red (50%)
- Green (65%)
- Blue (62%)



- Red (50%)
- Yellow (58%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (50%)
- Magenta (35%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A69E 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 80A69E by changing the saturation by 10% instead.





80A69E



80A69E

FFFFFF



668C84



B5DDD5



4E726B



D1FAF1



365953



EEEFFF



1F423C



062C26



001811



000000



80A69E



80A69E



6FA69B



91A6A1

■ 5FA697

■ A1A6A5

■ 4EA694

■ B2A6A8

■ 3EA690

■ C2A6AC

■ 2DA68D

■ D3A6AF

■ 1CA689

■ E4A6B3

■ 0CA686

■ F4A6B6

■ 00A683

■ FFA6BA

■ FFA6BD

# Harmonies

## Analogous

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



8BA591



80A69E



7CA6AB

# Triad

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



80A69E



A19BB5



B49988

# Complementary

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



80A69E



A68088

# 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.



BA9692



80A69E



B097AB

# Square

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



80A69E



909FB8



B8959F



A99D84

# Rectangle

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



80A69E



7FA4B2



B8959F



B7988B



# Sweetspot

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



80A69E



CAD9D6



88A680



656E6C



EDEDED



6E6E6E



# Same Dimension

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



80A69E



9ED9CC



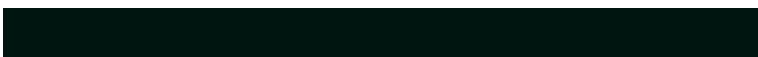
809BA6



4C5452



009475



001410



# Inverse Universe

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



A68088



D99EAB



A68B80



544C4E



94001F



140004



# Previews

## White Background



This preview shows how the Hex color 80A69E looks on a white background.

## Color Contrast Check

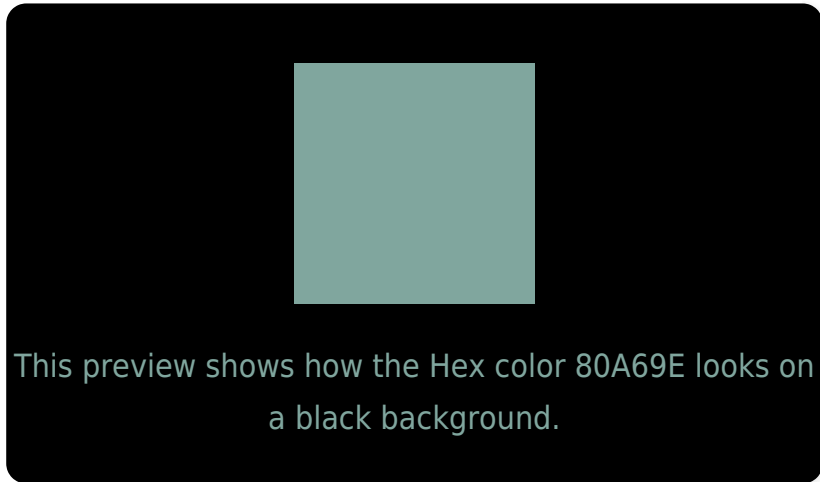
Large Text (above 18pt) WCAG AA × Fail

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

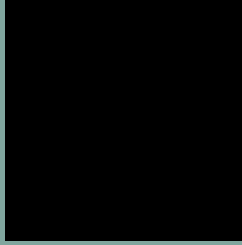
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

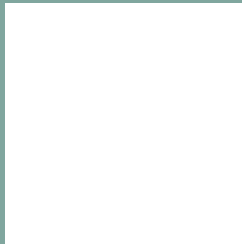
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80A69E Background



This preview shows how black text looks on a background with the Hex color 80A69E.

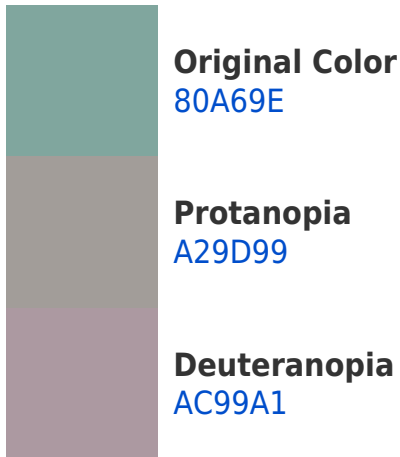


This preview shows how white text looks on a background with the Hex color 80A69E.

# 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](#).

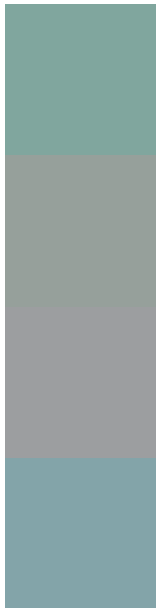
## Dichromacy





**Tritanopia**  
84A3B0

# Trichromacy



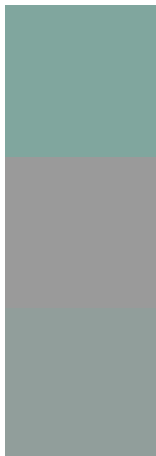
**Original Color**  
80A69E

**Protanomaly**  
96A09B

**Deuteranomaly**  
9C9EA0

**Tritanomaly**  
83A4A9

# Monochromacy



**Original Color**  
80A69E

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
919E9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A69E 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 #80A69E looks like.

```
.text, #text, p{  
    color:#80A69E  
}
```

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 #80A69E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A69E
}
```

## Border

The CSS property to change the border of an element to Hex 80A69E 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
#80A69E }
```

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

```
.border{ border-color:#80A69E }
```

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

Here you see how a box with a 4 pixel #80A69E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A69E; -webkit-box-shadow:4px 4px  
4px 4px #80A69E; box-shadow:4px 4px 4px  
4px #80A69E }
```

# Background

The CSS property to change the background color of an element to Hex 80A69E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A69E }
```

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

```
.background{ background-color:#80A69E }
```

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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