

# Converting Colors

Hex(79AF8A)

Have a look what the booklet for  
Hex(79AF8A) contains.

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# **Color**

**Hex(79AF8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79AF8A
RGB	121, 175, 138
RGB Percent	47%, 69%, 54%
CMY	0.5255, 0.3137, 0.4588
CMYK	0.31, 0.00, 0.21, 0.31
HSL	139°, 25%, 58%
HSV	139°, 31%, 69%
XYZ	27.8026, 36.5599, 29.6362
YIQ	154.6360, -20.3070, -22.9550

# Conversions

## Conversions Part 2

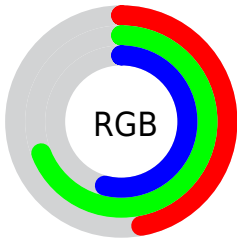
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">121, 162, 175</a>
Decimal	<a href="#">7974794</a>
CIELab	<a href="#">66.95, -25.61, 13.40</a>
CIELCh	<a href="#">67, 28.906, 152.392</a>
Yxy	<a href="#">36.5599, 0.2958, 0.3889</a>
Android (android.graphics.Color)	<a href="#">4286164874 (0xFF79AF8A)</a>
YUV	<a href="#">154.6360, -8.2015, -29.4988</a>
Hunter-Lab	<a href="#">60.4648, -23.7364, 13.2650</a>

# Details

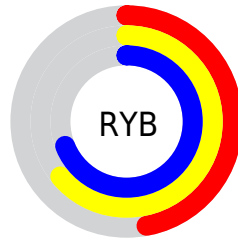
The Hex color **79AF8A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF799E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **AFE7C0**, and **467A58** is the 20% darker color. If you saturate the color by 10%, you get **68AF7E**, and if you desaturate by 10%, it is **8BAF96**.

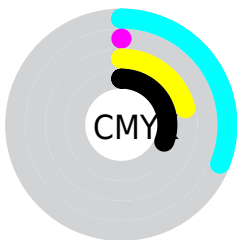
# Distribution



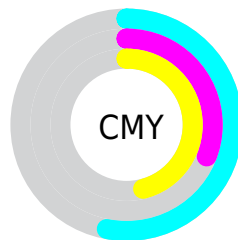
- Red (47%)
- Green (69%)
- Blue (54%)



- Red (47%)
- Yellow (64%)
- Blue (69%)



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



- Cyan (53%)
- Magenta (31%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79AF8A 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 79AF8A by changing the saturation by 10% instead.





79AF8A



79AF8A

FFFFFF



5F9471



AFE7C0



467A58



CBFFDB



2D6141



E7FFF8



14492A



003216



001F00



000000



79AF8A



79AF8A



68AF7E



8BAF96

 56AF72

 9CAFA2

 44AF66

 AEAFAE

 33AF5A

 BFAFBA

 21AF4E

 D0AFC6

 10AF42

 E2AFD2

 00AF37

 F4AFDE

 FFAFEA

 FFAFF6

# Harmonies

## Analogous

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



97AA76



79AF8A



5DB1A4

# Triad

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



79AF8A



84A5D6



D69288

# Complementary

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



79AF8A



AF799E

# 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.



D590A2



79AF8A



A99BCF

# Square

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



79AF8A



60ACD0



C693BB



C99976

# Rectangle

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



79AF8A



51B1B6



C693BB



D79090



# Sweetspot

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



79AF8A



CFE3D5



9FAF79



66736A



F2F2F2



737373



# Same Dimension

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



79AF8A



8FE3A9



79AFA4



4E5751



00962F



001707



# Inverse Universe

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



AF799E



E38FC9



AF7984



574E54



960067



170010



# Previews

## White Background



This preview shows how the Hex color 79AF8A looks on a white background.

## Color Contrast Check

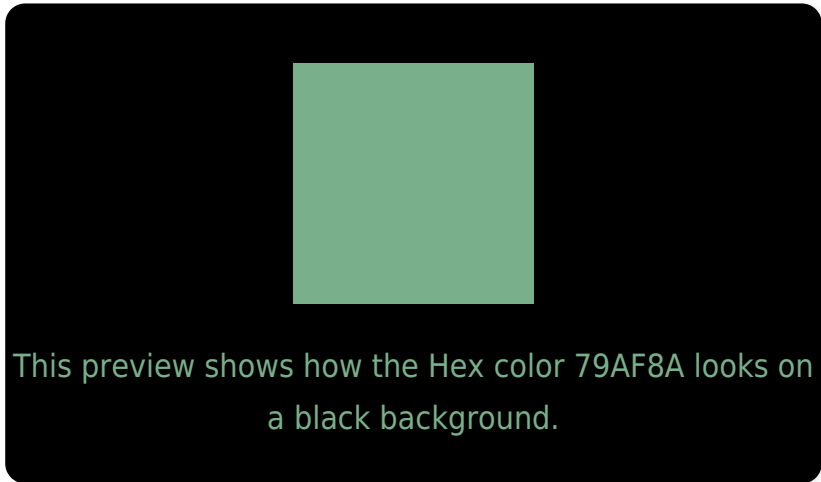
Large Text (above 18pt) WCAG AA × Fail

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

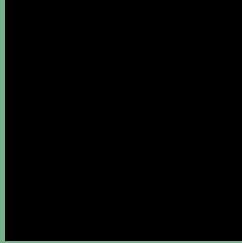
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79AF8A Background



This preview shows how black text looks on a background with the Hex color 79AF8A.



This preview shows how white text looks on a background with the Hex color 79AF8A.

# 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](#).

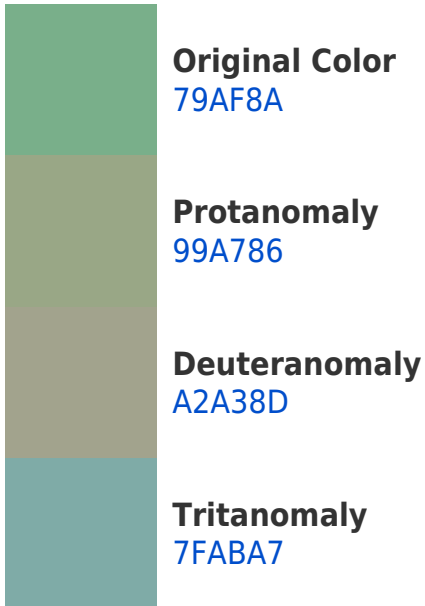
## Dichromacy



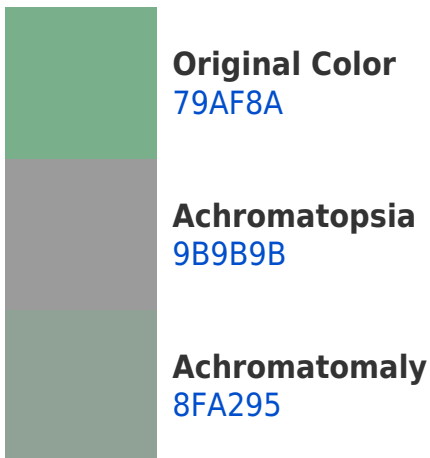


**Tritanopia**  
82A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79AF8A 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 #79AF8A looks like.

```
.text, #text, p{  
    color:#79AF8A  
}
```

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 #79AF8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79AF8A
}
```

## Border

The CSS property to change the border of an element to Hex 79AF8A 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
#79AF8A }
```

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

```
.border{ border-color:#79AF8A }
```

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

Here you see how a box with a 4 pixel #79AF8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79AF8A; -webkit-box-shadow:4px 4px  
4px 4px #79AF8A; box-shadow:4px 4px 4px  
4px #79AF8A }
```

# Background

The CSS property to change the background color of an element to Hex 79AF8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79AF8A }
```

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

```
.background{ background-color:#79AF8A }
```

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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