

# Converting Colors

Hex(A7719E)

Have a look what the booklet for  
Hex(A7719E) contains.

<b>Hex(A7719E)</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(A7719E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7719E
RGB	167, 113, 158
RGB Percent	65%, 44%, 62%
CMY	0.3451, 0.5569, 0.3804
CMYK	0.00, 0.32, 0.05, 0.35
HSL	310°, 23%, 55%
HSV	310°, 32%, 65%
XYZ	28.0130, 22.4944, 35.2132
YIQ	134.2760, 17.7390, 25.4430

# Conversions

## Conversions Part 2

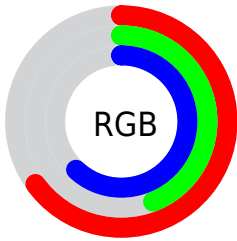
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 113, 158</a>
Decimal	<a href="#">10973598</a>
CIELab	<a href="#">54.55, 28.66, -15.65</a>
CIELCh	<a href="#">55, 32.653, 331.366</a>
Yxy	<a href="#">22.4944, 0.3268, 0.2624</a>
Android (android.graphics.Color)	<a href="#">4289163678</a> <a href="#">(0xFFA7719E)</a>
YUV	<a href="#">134.2760, 11.6959, 28.6989</a>
Hunter-Lab	<a href="#">47.4282, 22.4299, -10.8202</a>

# Details

The Hex color **A7719E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **71A77A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **DFA6D5**, and **72406B** is the 20% darker color. If you saturate the color by 10%, you get **A7609B**, and if you desaturate by 10%, it is **A782A1**.

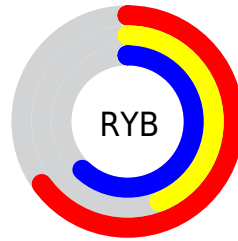
# Distribution



Red (65%)

Green (44%)

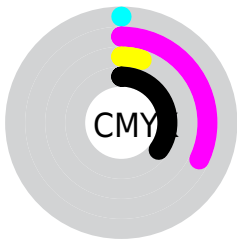
Blue (62%)



Red (65%)

Yellow (44%)

Blue (62%)

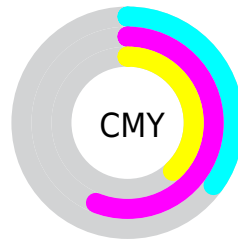


Cyan (0%)

Magenta (32%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (56%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7719E 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 A7719E by changing the saturation by 10% instead.



 A7719E

 A7719E

FFFFFF

 8C5884

 DFA6D5

 72406B

 FCC1F1

 592852

 FFDDFF

 40113B

 FFFAFF

 2A0025

 06000F

 000000

 A7719E

 A7719E

 A7609B

 A782A1

 A75098

 A792A4

 A73F96

 A7A3A6

 A72E93

 A7B4A9

 A71D90

 A7C4AC

 A70D8D

 A7D5AF

 A7008B

 A7E6B1

 A7F7B4

 A7FFB7

# Harmonies

## Analogous

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



877BB3



A7719E



B76C82

# Triad

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



A7719E



938149



00919F

# Complementary

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



A7719E



71A77A

# 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.



299183



A7719E



768A51

# Square

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



A7719E



AB7752



548F66



218DB3

# Rectangle

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



A7719E



B96D6F



548F66



009196



# Sweetspot

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



A7719E



D9C3D5



7A71A7



6E606B



EDEDED



6E6E6E



# Same Dimension

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



A7719E



D984CB



A77183



544C53



94007B



140011



# Inverse Universe

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



A7719E



D984CB



71A795



544C53



94007B

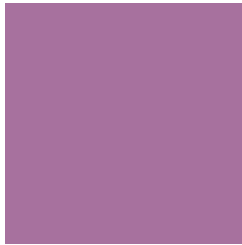


140011



# Previews

## White Background



This preview shows how the Hex color A7719E looks on a white background.

## Color Contrast Check

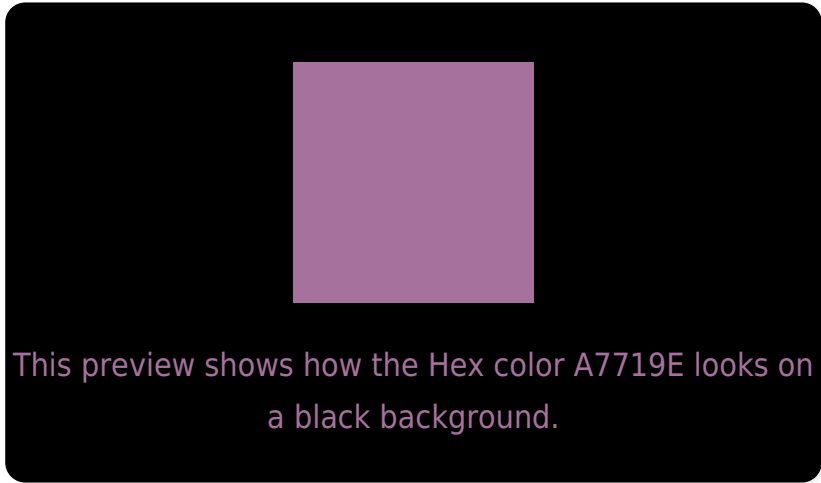
Large Text (above 18pt) WCAG AA ✓ Pass

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

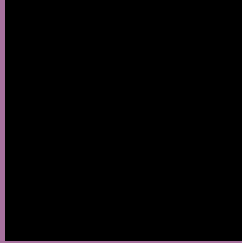
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A7719E Background



This preview shows how black text looks on a background with the Hex color A7719E.

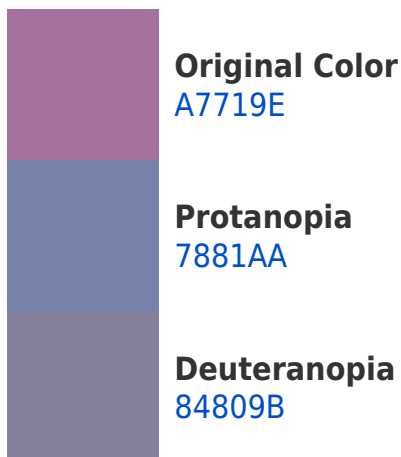


This preview shows how white text looks on a background with the Hex color A7719E.

# 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**  
A37780

# Trichromacy



**Original Color**  
A7719E

**Protanomaly**  
897BA6

**Deuteranomaly**  
917B9C

**Tritanomaly**  
A4758B

# Monochromacy



**Original Color**  
A7719E

**Achromatopsia**  
868686

**Achromatomaly**  
927E8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7719E 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 #A7719E looks like.

```
.text, #text, p{  
    color:#A7719E  
}
```

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 #A7719E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7719E
}
```

## Border

The CSS property to change the border of an element to Hex A7719E is called "border". The border property can be set on classes, ids or directly on the HTML element.

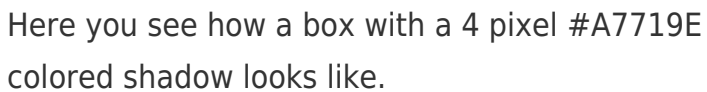
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7719E }
```

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

```
.border{ border-color:#A7719E }
```

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



Here you see how a box with a 4 pixel `#A7719E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7719E; -webkit-box-shadow:4px 4px  
4px 4px #A7719E; box-shadow:4px 4px 4px  
4px #A7719E }
```

# Background

The CSS property to change the background color of an element to Hex A7719E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7719E }
```

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

```
.background{ background-color:#A7719E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor