

# Converting Colors

Hex(A6989E)

Have a look what the booklet for  
Hex(A6989E) contains.

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# **Color**

**Hex(A6989E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6989E
RGB	166, 152, 158
RGB Percent	65%, 60%, 62%
CMY	0.3490, 0.4039, 0.3804
CMYK	0.00, 0.08, 0.05, 0.35
HSL	334°, 7%, 62%
HSV	334°, 8%, 65%
XYZ	33.1257, 33.0321, 36.9777
YIQ	156.8700, 6.4180, 4.8340

# Conversions

## Conversions Part 2

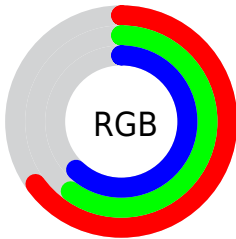
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 152, 158
Decimal	10918046
CIE Lab	64.19, 6.23, -1.28
CIE LCh	64, 6.365, 348.363
Yxy	33.0321, 0.3212, 0.3203
Android (android.graphics.Color)	4289108126 (0xFFA6989E)
YUV	156.8700, 0.5571, 8.0070
Hunter-Lab	57.4735, 2.3022, 2.0851

# Details

The Hex color **A6989E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **98A6A0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **DDCED5**, and **72656B** is the 20% darker color. If you saturate the color by 10%, you get **A68795**, and if you desaturate by 10%, it is **A6A9A7**.

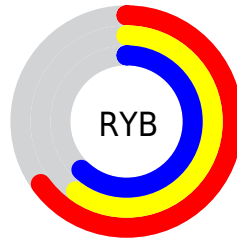
# Distribution



Red (65%)

Green (60%)

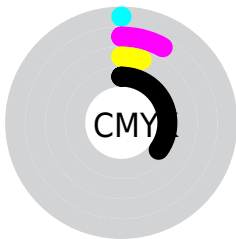
Blue (62%)



Red (65%)

Yellow (60%)

Blue (62%)

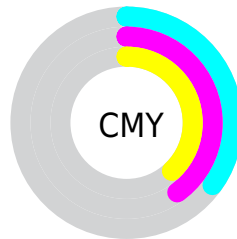


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6989E 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 A6989E by changing the saturation by 10% instead.





A6989E



A6989E

FFFFFF



8C7E84



DDCED5



72656B



FAEAF1



5A4D53



42363C



2C2126



180B11



000000



A6989E



A6989E



A68795



A6A9A7

 A6778B

 A6B9B1

 A66682

 A6CABA

 A65678

 A6DAC4

 A6456F

 A6EBCD

 A63465

 A6FCD7

 A6245C

 A6FFE0

 A61352

 A6FFEA

 A60349

 A6FFF3

# Harmonies

## Analogous

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



A199A3



A6989E



A89898

# Triad

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



A6989E



9D9C91



8F9EA4

# Complementary

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



A6989E



98A6A0

# 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.



8E9F9F



A6989E



969E94

# Square

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



A6989E



A39A91



919F99



939DA6

# Rectangle

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



A6989E



A89895



919F99



8E9FA2



# Sweetspot

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



A6989E



D9D2D5



A098A6



6E696B



EDEDED



6E6E6E



# Same Dimension

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



A6989E



D9C3CC



A69998



544C4F



94003F



140009



# Inverse Universe

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



A6989E



D9C3CC



98A5A6



544C4F



94003F

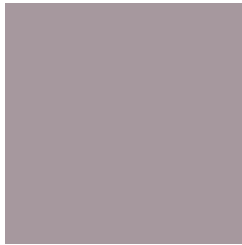


140009



# Previews

## White Background



This preview shows how the Hex color A6989E looks on a white background.

## Color Contrast Check

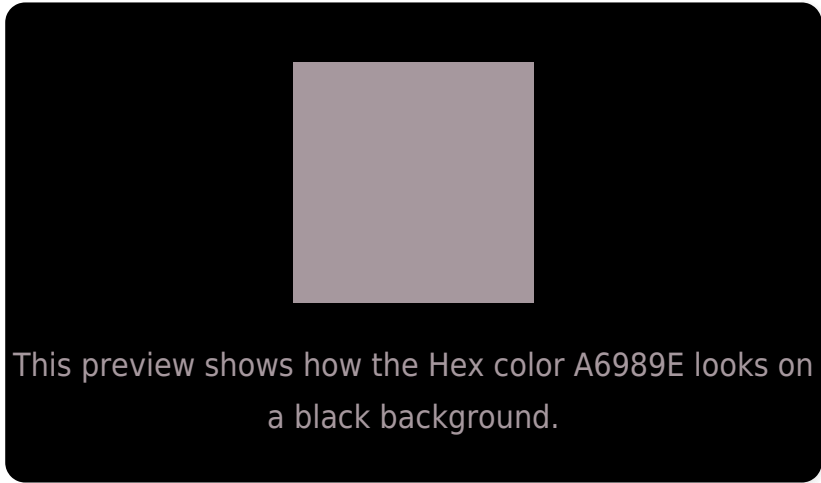
Large Text (above 18pt) WCAG AA × Fail

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

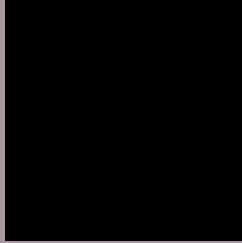
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6989E Background



This preview shows how black text looks on a background with the Hex color A6989E.



This preview shows how white text looks on a background with the Hex color A6989E.

# 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



**Original Color**  
A6989E

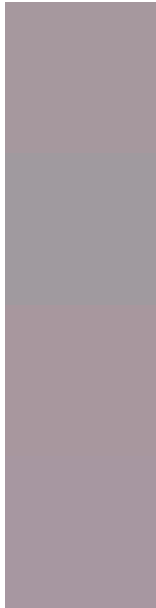
**Protanopia**  
9D9BA0

**Deuteranopia**  
A9979E



**Tritanopia**  
A797A3

# Trichromacy



**Original Color**  
A6989E

**Protanomaly**  
A09A9F

**Deuteranomaly**  
A8979E

**Tritanomaly**  
A797A1

# Monochromacy



**Original Color**  
A6989E

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
A09B9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6989E 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 #A6989E looks like.

```
.text, #text, p{  
    color:#A6989E  
}
```

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 #A6989E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6989E
}
```

## Border

The CSS property to change the border of an element to Hex A6989E is called "border". The border property can be set on classes, ids or directly on the HTML element.

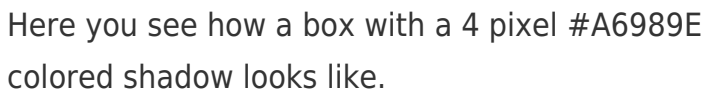
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6989E }
```

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

```
.border{ border-color:#A6989E }
```

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



Here you see how a box with a 4 pixel #A6989E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6989E; -webkit-box-shadow:4px 4px  
4px 4px #A6989E; box-shadow:4px 4px 4px  
4px #A6989E }
```

# Background

The CSS property to change the background color of an element to Hex A6989E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6989E }
```

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

```
.background{ background-color:#A6989E }
```

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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