

# Converting Colors

Hex(A58A9E)

Have a look what the booklet for  
Hex(A58A9E) contains.

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# **Color**

**Hex(A58A9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A58A9E
RGB	165, 138, 158
RGB Percent	65%, 54%, 62%
CMY	0.3529, 0.4588, 0.3804
CMYK	0.00, 0.16, 0.04, 0.35
HSL	316°, 13%, 59%
HSV	316°, 16%, 65%
XYZ	30.7771, 28.6449, 36.2546
YIQ	148.3530, 9.6720, 11.9440

# Conversions

## Conversions Part 2

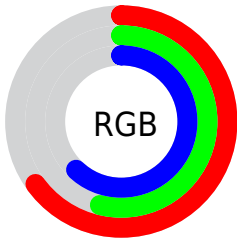
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 138, 158
Decimal	10848926
CIELab	60.47, 13.75, -6.78
CIELCh	60, 15.330, 333.742
Yxy	28.6449, 0.3217, 0.2994
Android (android.graphics.Color)	4289039006 (0xFFA58A9E)
YUV	148.3530, 4.7560, 14.5994
Hunter-Lab	53.5209, 8.9843, -2.6979

# Details

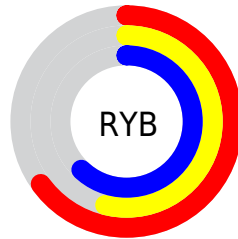
The Hex color **A58A9E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **8AA591**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **DCC0D5**, and **71586B** is the 20% darker color. If you saturate the color by 10%, you get **A5799A**, and if you desaturate by 10%, it is **A59AA2**.

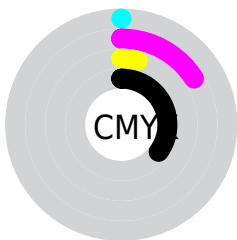
# Distribution



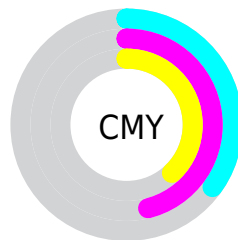
- Red (65%)
- Green (54%)
- Blue (62%)



- Red (65%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (46%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A58A9E 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 A58A9E by changing the saturation by 10% instead.



 A58A9E

 A58A9E

FFFFFF

 8B7184

 DCC0D5

 71586B

 F9DBF1

 584053

 FFF8FF

 412A3B

 2A1526

 180011

 000000

 A58A9E

 A58A9E

 A5799A

 A59AA2

 A56995

 A5ABA7

 A55891

 A5BBAB

 A5488D

 A5CCAF

 A53789

 A5DCB3

 A52784

 A5EDB8

 A51680

 A5FDBC

 A5067C

 A5FFC0

 A5007A

 A5FFC5

# Harmonies

## Analogous

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



968EA8



A58A9E



AD8891

# Triad

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



A58A9E



9B9177



6E99A0

# Complementary

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



A58A9E



8AA591

# 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.



719A93



A58A9E



8C967B

# Square

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



A58A9E



A78D7A



7D9885



7596AA

# Rectangle

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



A58A9E



AE8988



7D9885



6E999C



# Sweetspot

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



A58A9E



D6CBD3



918AA5



6B6569



EBEBEB



6B6B6B



# Same Dimension

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



A58A9E



D6ABCB



A58A91



52494F



91006C



12000D



# Inverse Universe

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



A58A9E



D6ABCB



8AA59E



52494F



91006C

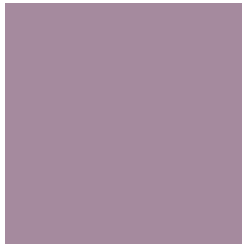


12000D



# Previews

## White Background



This preview shows how the Hex color A58A9E looks on a white background.

## Color Contrast Check

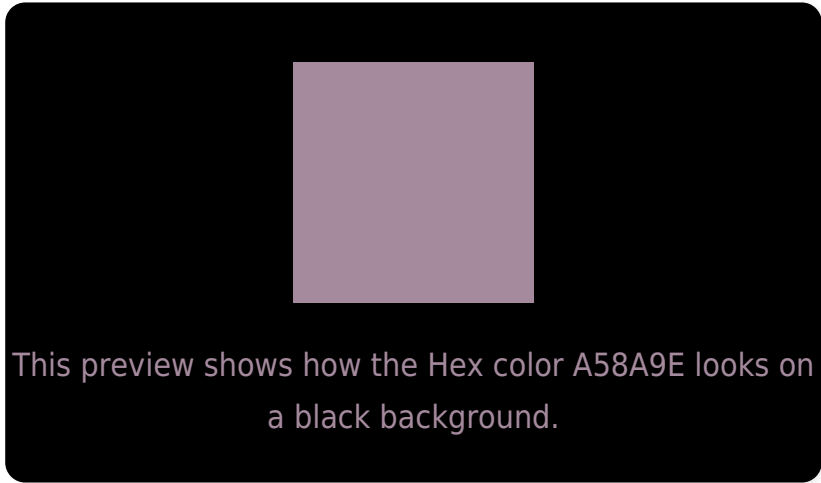
Large Text (above 18pt) WCAG AA ✓ Pass

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

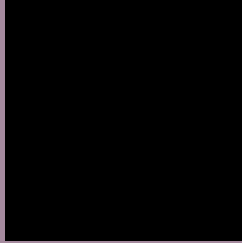
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A58A9E Background



This preview shows how black text looks on a background with the Hex color A58A9E.



This preview shows how white text looks on a background with the Hex color A58A9E.

# 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**  
[A58A9E](#)

**Protanopia**  
[9091A2](#)

**Deuteranopia**  
[9B8E9D](#)



**Tritanopia**  
A48B96

# Trichromacy



**Original Color**  
A58A9E

**Protanomaly**  
988EA1

**Deuteranomaly**  
9F8D9D

**Tritanomaly**  
A48B99

# Monochromacy



**Original Color**  
A58A9E

**Achromatopsia**  
949494

**Achromatomaly**  
9A9098

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A58A9E 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 #A58A9E looks like.

```
.text, #text, p{  
    color:#A58A9E  
}
```

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 #A58A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A58A9E
}
```

## Border

The CSS property to change the border of an element to Hex A58A9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

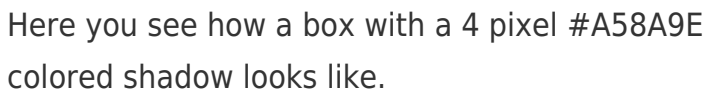
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A58A9E }
```

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

```
.border{ border-color:#A58A9E }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a 4px wide, 4px high, 4px offset purple box. The text inside the box is "Here you see how a box with a 4 pixel #A58A9E colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #A58A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A58A9E; -webkit-box-shadow:4px 4px  
4px 4px #A58A9E; box-shadow:4px 4px 4px  
4px #A58A9E }
```

# Background

The CSS property to change the background color of an element to Hex A58A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A58A9E }
```

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

```
.background{ background-color:#A58A9E }
```

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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