

# Converting Colors

Hex(A7559E)

Have a look what the booklet for  
Hex(A7559E) contains.

<b>Hex(A7559E)</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(A7559E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7559E
RGB	167, 85, 158
RGB Percent	65%, 33%, 62%
CMY	0.3451, 0.6667, 0.3804
CMYK	0.00, 0.49, 0.05, 0.35
HSL	307°, 33%, 49%
HSV	307°, 49%, 65%
XYZ	25.3564, 17.1811, 34.3276
YIQ	117.8400, 25.4390, 40.0870

# Conversions

## Conversions Part 2

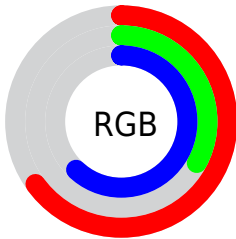
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 85, 158
Decimal	10966430
CIE <sub>Lab</sub>	48.49, 43.91, -24.94
CIE <sub>LCh</sub>	48, 50.497, 330.409
Yxy	17.1811, 0.3299, 0.2235
Android (android.graphics.Color)	4289156510 (0xFFA7559E)
YUV	117.8400, 19.7989, 43.1133
Hunter-Lab	41.4501, 36.6567, -20.0869

# Details

The Hex color **A7559E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **55A75E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E089D5**, and **71216A** is the 20% darker color. If you saturate the color by 10%, you get **A7449C**, and if you desaturate by 10%, it is **A766A0**.

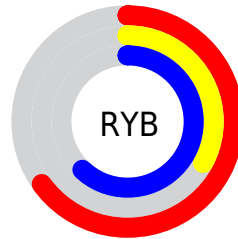
# Distribution



Red (65%)

Green (33%)

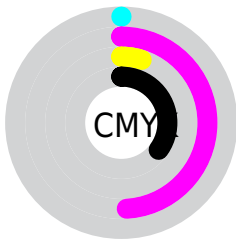
Blue (62%)



Red (65%)

Yellow (33%)

Blue (62%)

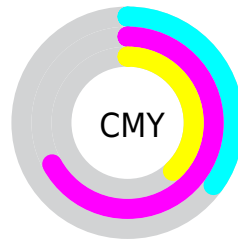


Cyan (0%)

Magenta (49%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (67%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7559E 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 A7559E by changing the saturation by 10% instead.



 A7559E

 A7559E

FFFFFF

 8C3B84

 E089D5

 71216A

 FDA5F1

 570052

 FFC0FF

 3D003B

 FFDDFF

 280025

 FFFAFF

 00000C

 000000

 A7559E

 A7559E

 A7449C

 A766A0

 A7349A

 A776A2

 A72399

 A787A3

 A71297

 A798A5

 A70295

 A7A8A7

 A70095

 A7B9A9

 A7CAAB

 A7DBAD

 A7EBAE

# Harmonies

## Analogous

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



7468BD



A7559E



BE4A74

# Triad

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



A7559E



887112



00879D

# Complementary

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



A7559E



55A75E

# 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.



008772



A7559E



5E7D22

# Square

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



A7559E



AA6127



168447



0082BD

# Rectangle

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



A7559E



C04D58



168447



008790



# Sweetspot

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



A7559E



D9B8D5



5D55A7



6E5A6B



EDEDED



6E6E6E



# Same Dimension

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



A7559E



D959CB



A75576



544C53



940084



140012



# Inverse Universe

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



A7559E



D959CB



55A786



544C53



940084

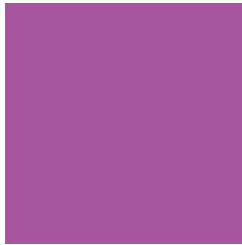


140012



# Previews

## White Background



This preview shows how the Hex color A7559E looks on a white background.

## Color Contrast Check

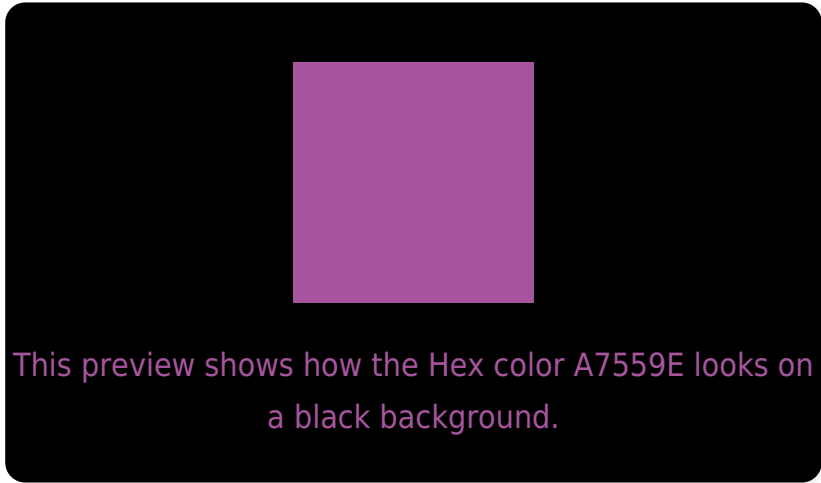
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

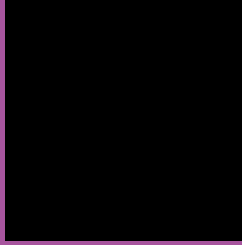
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A7559E Background



This preview shows how black text looks on a background with the Hex color A7559E.

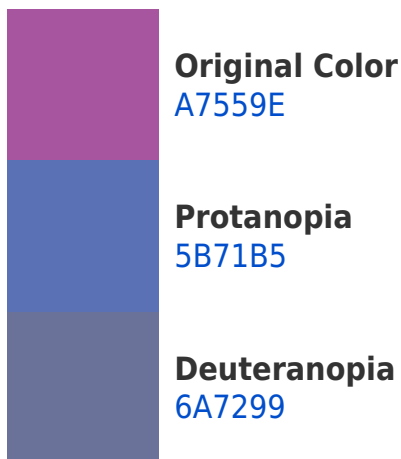


This preview shows how white text looks on a background with the Hex color A7559E.

# 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](#).

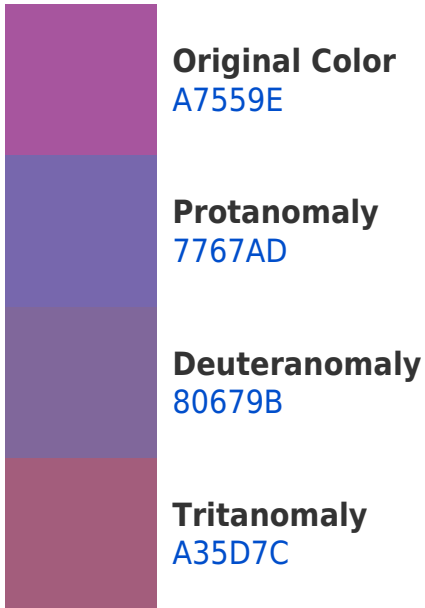
## Dichromacy



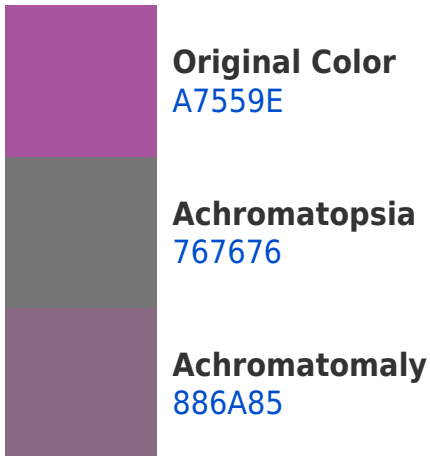


**Tritanopia**  
A16169

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7559E 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 #A7559E looks like.

```
.text, #text, p{  
    color:#A7559E  
}
```

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 #A7559E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7559E
}
```

## Border

The CSS property to change the border of an element to Hex A7559E is called "border". The border property can be set on classes, ids or directly on the HTML element.

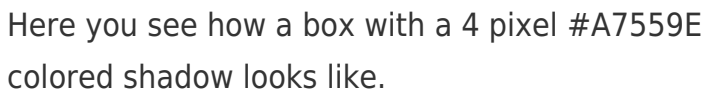
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7559E }
```

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

```
.border{ border-color:#A7559E }
```

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



Here you see how a box with a 4 pixel #A7559E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7559E; -webkit-box-shadow:4px 4px  
4px 4px #A7559E; box-shadow:4px 4px 4px  
4px #A7559E }
```

# Background

The CSS property to change the background color of an element to Hex A7559E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7559E }
```

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

```
.background{ background-color:#A7559E }
```

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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