

# Converting Colors

Hex(A0679E)

Have a look what the booklet for  
Hex(A0679E) contains.

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# Color

**Hex(A0679E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0679E
RGB	160, 103, 158
RGB Percent	63%, 40%, 62%
CMY	0.3725, 0.5961, 0.3804
CMYK	0.00, 0.36, 0.01, 0.37
HSL	302°, 23%, 52%
HSV	302°, 36%, 63%
XYZ	25.5190, 19.6427, 34.7942
YIQ	126.3130, 16.3170, 29.1890

# Conversions

## Conversions Part 2

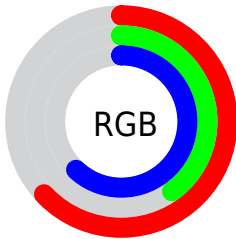
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	160, 103, 158
Decimal	10512286
CIE Lab	51.43, 31.91, -20.47
CIE LCh	51, 37.915, 327.315
Yxy	19.6427, 0.3192, 0.2457
Android (android.graphics.Color)	4288702366 (0xFFA0679E)
YUV	126.3130, 15.6217, 29.5435
Hunter-Lab	44.3201, 25.2181, -15.5225

# Details

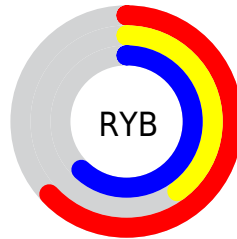
The Hex color **A0679E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67A069**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D89BD5**, and **6B366A** is the 20% darker color. If you saturate the color by 10%, you get **A0579D**, and if you desaturate by 10%, it is **A0779F**.

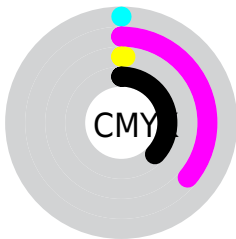
# Distribution



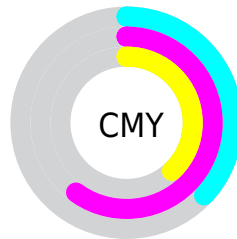
- Red (63%)
- Green (40%)
- Blue (62%)



- Red (63%)
- Yellow (40%)
- Blue (62%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0679E 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 A0679E by changing the saturation by 10% instead.



 A0679E

 A0679E

FFFFFF

 854E84

 D89BD5

 6B366A

 F4B6F1

 521E52

 FFD2FF

 3A053B

 FFEFFF

 260025

 00010E

 000000

 A0679E

 A0679E

 A0579D

 A0779F

 A0479D

 A0879F

 A0379C

 A097A0

 A0279C

 A0A7A0

 A0179B

 A0B7A1

 A0079B

 A0C7A1

 A0009A

 A0D7A2

 A0E7A2

 A0F7A3

# Harmonies

## Analogous

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



7973B4



A0679E



B5607F

# Triad

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



A0679E



917838



008B97

# Complementary

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



A0679E



67A069

# 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.



008B76



A0679E



70813F

# Square

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



A0679E



AA6C45



488856



0087B0

# Rectangle

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



A0679E



B86069



488856



008B8D



# Sweetspot

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



A0679E



D1BAD0



6967A0



695B68



E8E8E8



696969



# Same Dimension

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



A0679E



D177CE



A06782



4F474F



8F008A



0F000F



# Inverse Universe

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



A0679E



D177CE



67A085



4F474F



8F008A

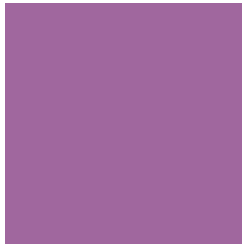


0F000F



# Previews

## White Background



This preview shows how the Hex color A0679E looks on a white background.

## Color Contrast Check

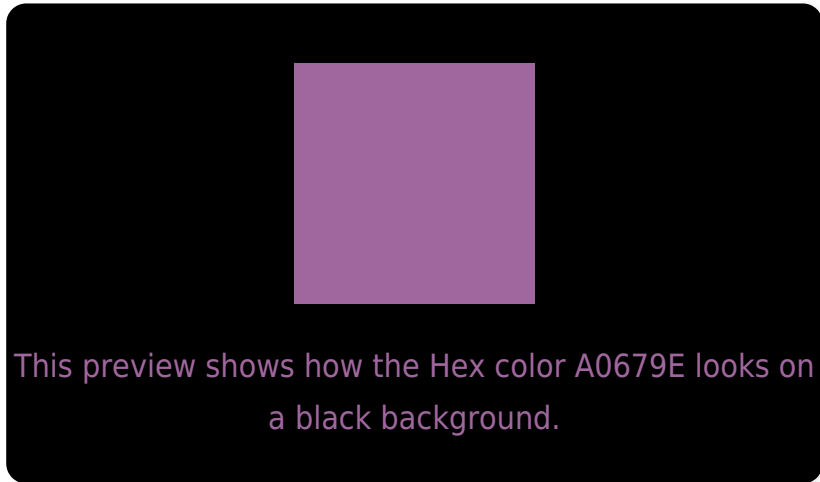
Large Text (above 18pt) WCAG AA ✓ Pass

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

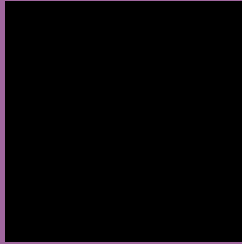
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A0679E Background



This preview shows how black text looks on a background with the Hex color A0679E.



This preview shows how white text looks on a background with the Hex color A0679E.

# 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**  
9B6F77

# Trichromacy



**Original Color**  
A0679E

**Protanomaly**  
7F72A7

**Deuteranomaly**  
85729C

**Tritanomaly**  
9D6C85

# Monochromacy



**Original Color**  
A0679E

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
8A768A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0679E 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 #A0679E looks like.

```
.text, #text, p{  
    color:#A0679E  
}
```

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 #A0679E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0679E
}
```

## Border

The CSS property to change the border of an element to Hex A0679E is called "border". The border property can be set on classes, ids or directly on the HTML element.

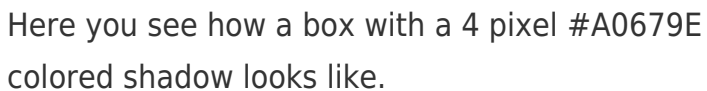
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0679E }
```

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

```
.border{ border-color:#A0679E }
```

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



Here you see how a box with a 4 pixel #A0679E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0679E; -webkit-box-shadow:4px 4px  
4px 4px #A0679E; box-shadow:4px 4px 4px  
4px #A0679E }
```

# Background

The CSS property to change the background color of an element to Hex A0679E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0679E }
```

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

```
.background{ background-color:#A0679E }
```

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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