

# Converting Colors

Hex(A7629F)

Have a look what the booklet for  
Hex(A7629F) contains.

<b>Hex(A7629F)</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(A7629F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7629F
RGB	167, 98, 159
RGB Percent	65%, 38%, 62%
CMY	0.3451, 0.6157, 0.3765
CMYK	0.00, 0.41, 0.05, 0.35
HSL	307°, 28%, 52%
HSV	307°, 41%, 65%
XYZ	26.5620, 19.4541, 35.1559
YIQ	125.5850, 21.5430, 33.5990

# Conversions

## Conversions Part 2

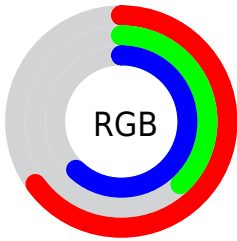
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 98, 159
Decimal	10969759
CIELab	51.21, 37.18, -21.32
CIELCh	51, 42.860, 330.169
Yxy	19.4541, 0.3272, 0.2397
Android (android.graphics.Color)	4289159839 (0xFFA7629F)
YUV	125.5850, 16.4736, 36.3210
Hunter-Lab	44.1068, 30.3097, -16.3832

# Details

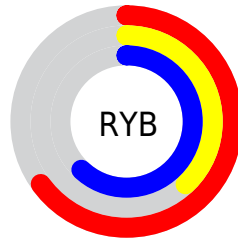
The Hex color **A7629F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **62A76A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **DF96D6**, and **71306B** is the 20% darker color. If you saturate the color by 10%, you get **A7519D**, and if you desaturate by 10%, it is **A773A1**.

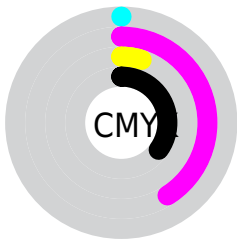
# Distribution



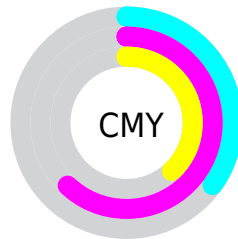
- Red (65%)
- Green (38%)
- Blue (62%)



- Red (65%)
- Yellow (38%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (62%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7629F 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 A7629F by changing the saturation by 10% instead.




 A7629F

 A7629F

FFFFFF

 8C4985

 DF96D6

 71306B

 FCB2F2

 581753

 FFCDFD

 3F003C

 FFEAFF

 2A0026

 00010E

 000000

 A7629F

 A7629F

 A7519D

 A773A1

 A7419B

 A783A3

 A73099

 A794A5

 A71F97

 A7A5A7

 A70E95

 A7B5A9

 A70094

 A7C6AB

 A7D7AD

 A7E8AE

 A7F8B0

# Harmonies

## Analogous

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



7C70B9



A7629F



BC5A7B

# Triad

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



A7629F



8F782D



008C9E

# Complementary

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



A7629F



62A76A

# 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.



008C79



A7629F



6A8338

# Square

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



A7629F



AB6B3B



398954



0087B9

# Rectangle

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



A7629F



BE5C63



398954



008C92



# Sweetspot

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



A7629F



D9BFD6



6962A7



6E5E6C



EDEDED



6E6E6E



# Same Dimension

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



A7629F



D96CCC



A7627E



544C53



940083



140012



# Inverse Universe

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



A7629F



D96CCC



62A78B



544C53



940083

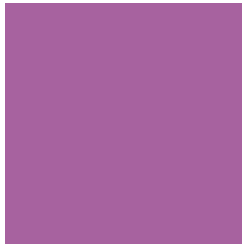


140012



# Previews

## White Background



This preview shows how the Hex color A7629F looks on a white background.

## Color Contrast Check

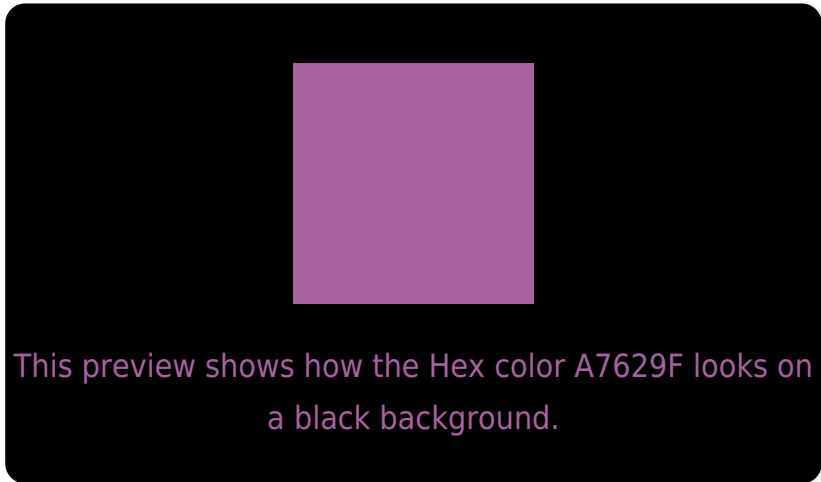
Large Text (above 18pt) WCAG AA ✓ Pass

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

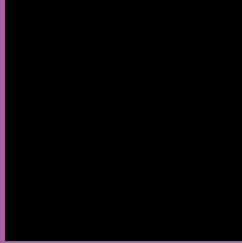
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A7629F Background



This preview shows how black text looks on a background with the Hex color A7629F.

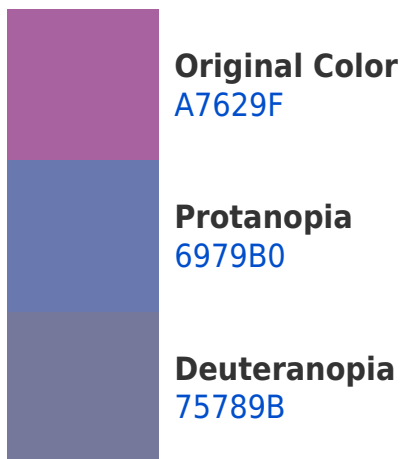



This preview shows how white text looks on a background with the Hex color A7629F.

# 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**  
A26B73

# Trichromacy



**Original Color**  
A7629F

**Protanomaly**  
8071AA

**Deuteranomaly**  
87709C

**Tritanomaly**  
A46883

# Monochromacy



**Original Color**  
A7629F

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
8D748A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7629F 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 #A7629F looks like.

```
.text, #text, p{  
    color:#A7629F  
}
```

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 #A7629F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7629F
}
```

## Border

The CSS property to change the border of an element to Hex A7629F is called "border". The border property can be set on classes, ids or directly on the HTML element.

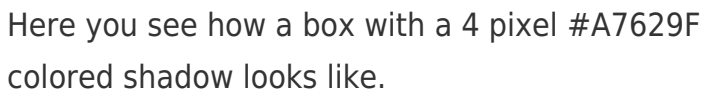
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7629F }
```

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

```
.border{ border-color:#A7629F }
```

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



Here you see how a box with a 4 pixel #A7629F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7629F; -webkit-box-shadow:4px 4px  
4px 4px #A7629F; box-shadow:4px 4px 4px  
4px #A7629F }
```

# Background

The CSS property to change the background color of an element to Hex A7629F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7629F }
```

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

```
.background{ background-color:#A7629F }
```

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