

# Converting Colors

Hex(A6749F)

Have a look what the booklet for  
Hex(A6749F) contains.

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# Color

**Hex(A6749F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6749F
RGB	166, 116, 159
RGB Percent	65%, 45%, 62%
CMY	0.3490, 0.5451, 0.3765
CMYK	0.00, 0.30, 0.04, 0.35
HSL	308°, 22%, 55%
HSV	308°, 30%, 65%
XYZ	28.2293, 23.1010, 35.7720
YIQ	135.8520, 15.9970, 23.9730

# Conversions

## Conversions Part 2

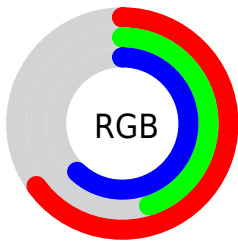
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 116, 159
Decimal	10908831
CIE <sub>Lab</sub>	55.18, 26.80, -15.29
CIE <sub>LCh</sub>	55, 30.857, 330.304
Yxy	23.1010, 0.3241, 0.2652
Android (android.graphics.Color)	4289098911 (0xFFA6749F)
YUV	135.8520, 11.4120, 26.4398
Hunter-Lab	48.0635, 20.7279, -10.4831

# Details

The Hex color **A6749F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **74A67B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **DEA9D6**, and **71436C** is the 20% darker color. If you saturate the color by 10%, you get **A6639D**, and if you desaturate by 10%, it is **A685A1**.

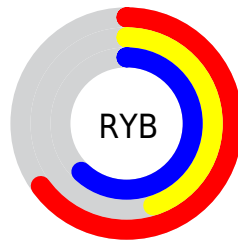
# Distribution



Red (65%)

Green (45%)

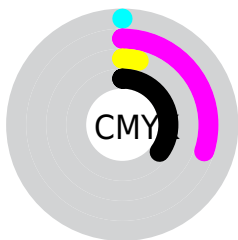
Blue (62%)



Red (65%)

Yellow (45%)

Blue (62%)

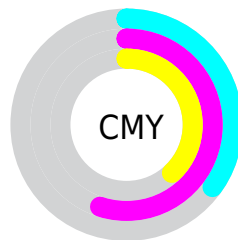


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6749F 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 A6749F by changing the saturation by 10% instead.



 A6749F

 A6749F

FFFFFF

 8B5B85

 DEA9D6

 71436C

 FBC4F2

 582C53

 FFE0FF

 40153C

 FFFDFF

 290026

 080010

 000000

 A6749F

 A6749F

 A6639D

 A685A1

 A6539A

 A695A4

 A64298

 A6A6A6

 A63296

 A6B6A8

 A62193

 A6C7AB

 A61091

 A6D8AD

 A6008F

 A6E8AF

 A6F9B2

 A6FFB4

# Harmonies

## Analogous

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



887DB2



A6749F



B66F85

# Triad

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



A6749F



95834E



14929E

# Complementary

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



A6749F



74A67B

# 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.



369283



A6749F



7A8B55

# Square

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



A6749F



AB7956



5A9069



2F8EB2

# Rectangle

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



A6749F



B87073



5A9069



1D9296



# Sweetspot

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



A6749F



D9C5D6



7B74A6



6E626C



EDEDED



6E6E6E



# Same Dimension

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



A6749F



D98BCE



A67486



544C53



94007F



140012



# Inverse Universe

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



A6749F



D98BCE



74A694



544C53



94007F

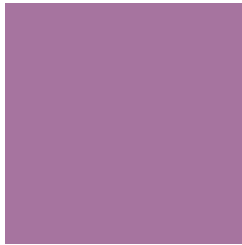


140012



# Previews

## White Background



This preview shows how the Hex color A6749F looks on a white background.

## Color Contrast Check

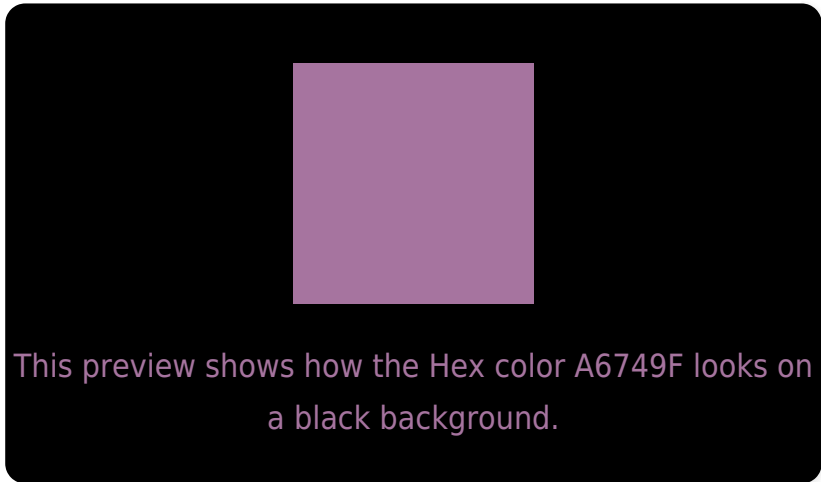
Large Text (above 18pt) WCAG AA ✓ Pass

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

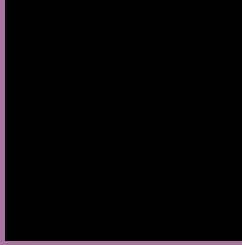
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A6749F Background



This preview shows how black text looks on a background with the Hex color A6749F.

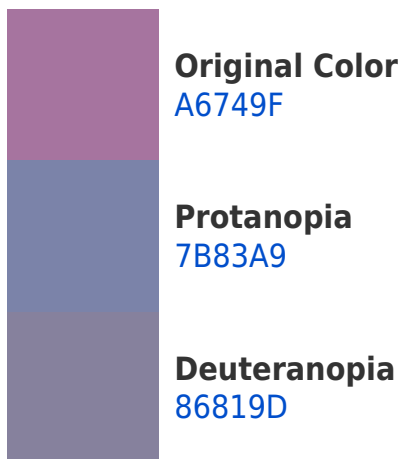


This preview shows how white text looks on a background with the Hex color A6749F.

# 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](#).

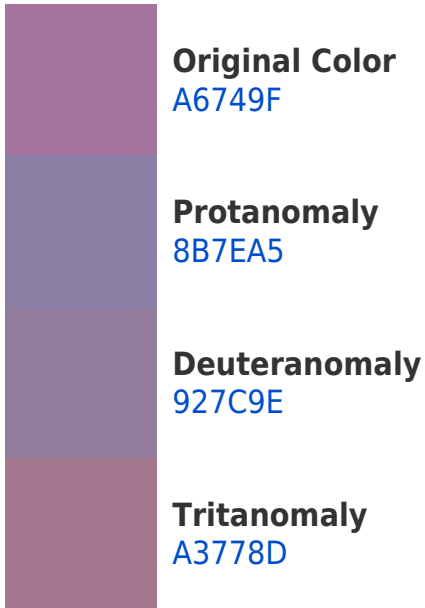
## Dichromacy



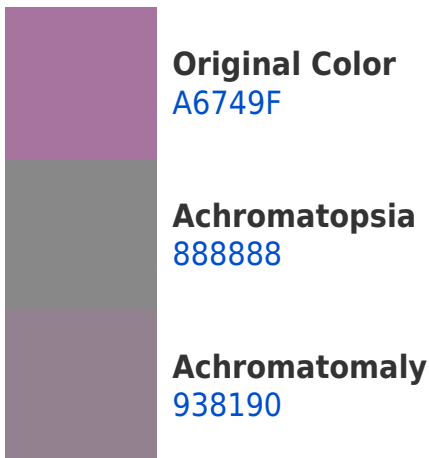


**Tritanopia**  
A27983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6749F 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 #A6749F looks like.

```
.text, #text, p{  
    color:#A6749F  
}
```

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 #A6749F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6749F
}
```

## Border

The CSS property to change the border of an element to Hex A6749F 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
#A6749F }
```

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

```
.border{ border-color:#A6749F }
```

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

Here you see how a box with a 4 pixel #A6749F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6749F; -webkit-box-shadow:4px 4px  
4px 4px #A6749F; box-shadow:4px 4px 4px  
4px #A6749F }
```

# Background

The CSS property to change the background color of an element to Hex A6749F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6749F }
```

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

```
.background{ background-color:#A6749F }
```

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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