

# Converting Colors

Hex(AB699D)

Have a look what the booklet for  
Hex(AB699D) contains.

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**Color**

**Hex(AB699D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB699D
RGB	171, 105, 157
RGB Percent	67%, 41%, 62%
CMY	0.3294, 0.5882, 0.3843
CMYK	0.00, 0.39, 0.08, 0.33
HSL	313°, 28%, 54%
HSV	313°, 39%, 67%
XYZ	27.9320, 21.1954, 34.5172
YIQ	130.6620, 22.6440, 30.1640

# Conversions

## Conversions Part 2

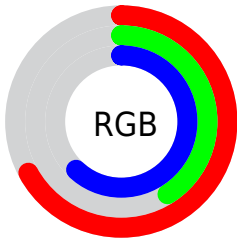
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	171, 105, 157
Decimal	11233693
CIE Lab	53.16, 34.31, -17.12
CIE LCh	53, 38.344, 333.474
Yxy	21.1954, 0.3339, 0.2534
Android (android.graphics.Color)	4289423773 (0xFFAB699D)
YUV	130.6620, 12.9846, 35.3764
Hunter-Lab	46.0385, 27.7303, -12.2256

# Details

The Hex color **AB699D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **69AB77**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E39DD4**, and **75376A** is the 20% darker color. If you saturate the color by 10%, you get **AB5899**, and if you desaturate by 10%, it is **AB7AA1**.

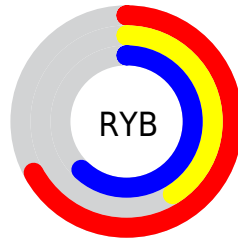
# Distribution



Red (67%)

Green (41%)

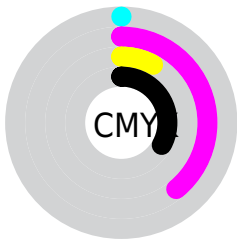
Blue (62%)



Red (67%)

Yellow (41%)

Blue (62%)

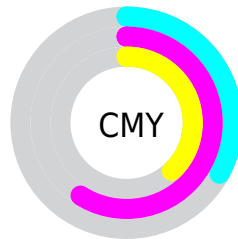


Cyan (0%)

Magenta (39%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (59%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB699D 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 AB699D by changing the saturation by 10% instead.



 AB699D

 AB699D

FFFFFF

 905083

 E39DD4

 75376A

 FFB9F0

 5C1F51

 FFD5FF

 43043A

 FFF1FF

 2C0025

 06000D

 000000

 AB699D

 AB699D

 AB5899

 AB7AA1

 AB4796

 AB8BA4

 AB3692

 AB9CA8

 AB258E

 ABADAC

 AB148B

 ABBEAF

 AB0287

 ABD0B3

 AB0087

 ABE1B6

 ABF2BA

 ABFFBE

# Harmonies

## Analogous

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



8775B6



AB699D



BC647C

# Triad

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



AB699D



8F7E3B



008FA2

# Complementary

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



AB699D



69AB77

# 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.



009082



AB699D



6D8846

# Square

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



AB699D



AA7344



428D60



008AB9

# Rectangle

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



AB699D



BD6566



428D60



009098



# Sweetspot

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



AB699D



DEC3D8



7669AB



70606D



F0F0F0



707070



# Same Dimension

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



AB699D



DE78C8



AB697D



574E55



960077



170012



# Inverse Universe

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



AB699D



DE78C8



69AB97



574E55



960077

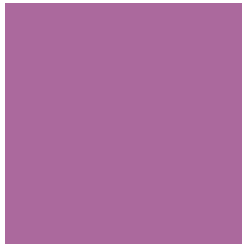


170012



# Previews

## White Background



This preview shows how the Hex color AB699D looks on a white background.

## Color Contrast Check

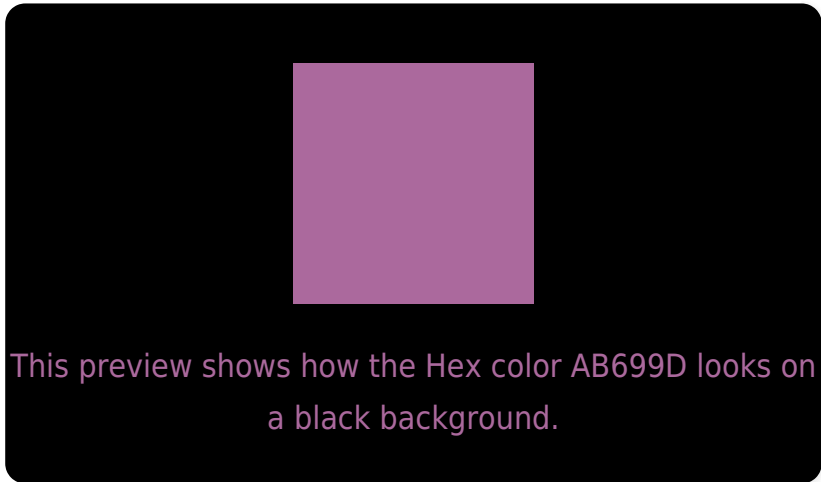
Large Text (above 18pt) WCAG AA ✓ Pass

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

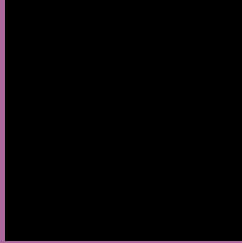
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB699D Background



This preview shows how black text looks on a background with the Hex color AB699D.

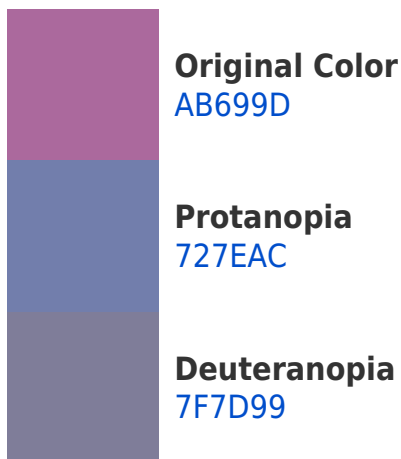


This preview shows how white text looks on a background with the Hex color AB699D.

# 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](#).

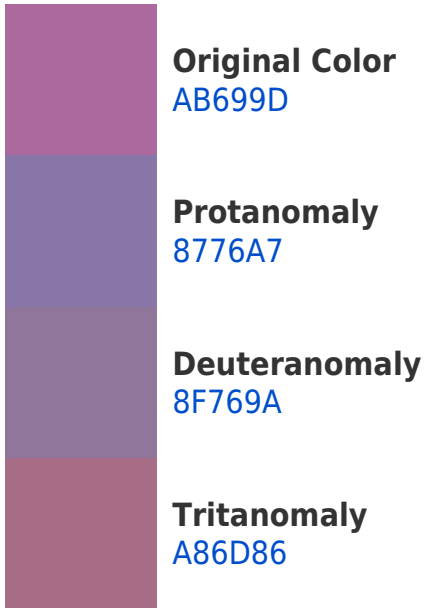
## Dichromacy





**Tritanopia**  
A77079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB699D 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 #AB699D looks like.

```
.text, #text, p{  
    color:#AB699D  
}
```

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 #AB699D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB699D
}
```

## Border

The CSS property to change the border of an element to Hex AB699D 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
#AB699D }
```

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

```
.border{ border-color:#AB699D }
```

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

Here you see how a box with a 4 pixel #AB699D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB699D; -webkit-box-shadow:4px 4px  
4px 4px #AB699D; box-shadow:4px 4px 4px  
4px #AB699D }
```

# Background

The CSS property to change the background color of an element to Hex AB699D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB699D }
```

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

```
.background{ background-color:#AB699D }
```

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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