

# Converting Colors

Hex(6A849D)

Have a look what the booklet for  
Hex(6A849D) contains.

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# Color

**Hex(6A849D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A849D
RGB	106, 132, 157
RGB Percent	42%, 52%, 62%
CMY	0.5843, 0.4824, 0.3843
CMYK	0.32, 0.16, 0.00, 0.38
HSL	209°, 21%, 52%
HSV	209°, 32%, 62%
XYZ	20.2809, 22.0010, 35.0760
YIQ	127.0760, -23.5210, 2.2630

# Conversions

## Conversions Part 2

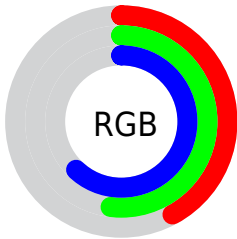
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 123, 157
Decimal	6980765
CIELab	54.03, -3.06, -16.36
CIELCh	54, 16.649, 259.395
Yxy	22.0010, 0.2622, 0.2844
Android (android.graphics.Color)	4285170845 (0xFF6A849D)
YUV	127.0760, 14.7525, -18.4837
Hunter-Lab	46.9052, -4.9042, -11.5037

# Details

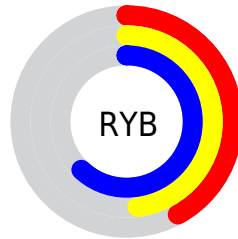
The Hex color **6A849D** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9D836A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9FB9D4**, and **38536A** is the 20% darker color. If you saturate the color by 10%, you get **5A7C9D**, and if you desaturate by 10%, it is **7A8C9D**.

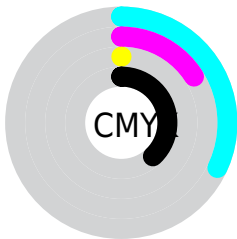
# Distribution



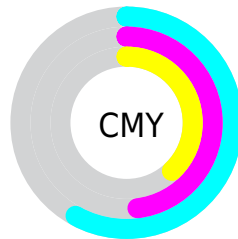
- Red (42%)
- Green (52%)
- Blue (62%)



- Red (42%)
- Yellow (48%)
- Blue (62%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (58%)
- Magenta (48%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A849D 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 6A849D by changing the saturation by 10% instead.



■ 6A849D

■ 6A849D

FFFFFF

■ 516B83

■ 9FB9D4

■ 38536A

■ BAD5F0

■ 203C51

■ D6F1FF

■ 05263A

■ F3FFFF

■ 001125

■ 00010E

■ 000000

■ 6A849D

■ 6A849D

■ 5A7C9D

■ 7A8C9D

■ 4B759D

■ 89939D

■ 3B6D9D

■ 999B9D

■ 2B659D

■ A9A39D

■ 1B5E9D

■ B9AA9D

■ 0C569D

■ C8B29D

■ 00509D

■ D8BA9D

■ E8C29D

■ F7C99D

# Harmonies

## Analogous

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



5C8896



6A849D



7D7F9C

# Triad

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



6A849D



9F7778



72876E

# Complementary

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



6A849D



9D836A

# 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.



828366



6A849D



9B7A6C

# Square

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



6A849D



9B7787



917E65



63897B

# Rectangle

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



6A849D



897C97



917E65



77866B



# Sweetspot

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



6A849D



B8C2CC



6A9D83



5A6066



E6E6E6



666666



# Same Dimension

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



6A849D



7CA5CC



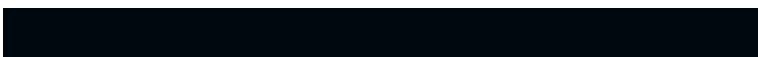
6A6B9D



474B4F



00498F



00080F



# Inverse Universe

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



9D6A84



CC7CA5



9D9C6A



4F474B



8F0049



0F0008



# Previews

## White Background



This preview shows how the Hex color 6A849D looks on a white background.

## Color Contrast Check

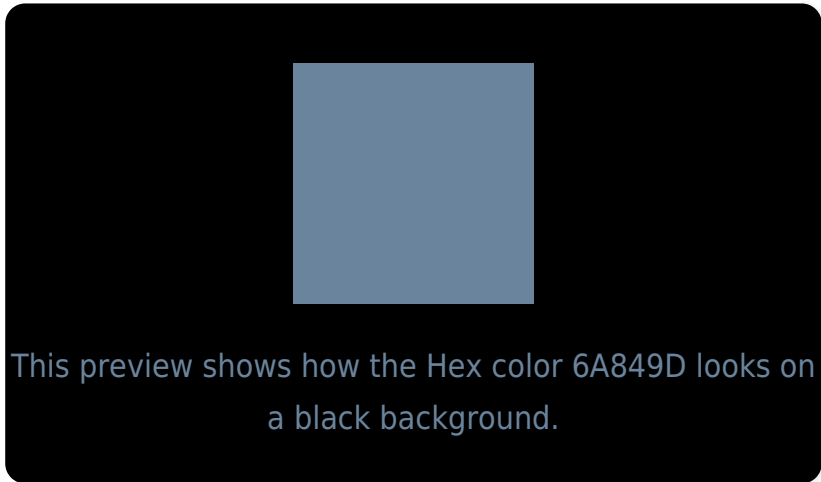
Large Text (above 18pt) WCAG AA ✓ Pass

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

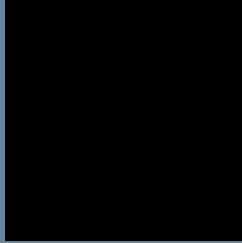
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

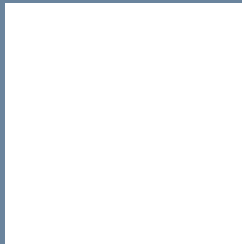
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A849D Background



This preview shows how black text looks on a background with the Hex color 6A849D.

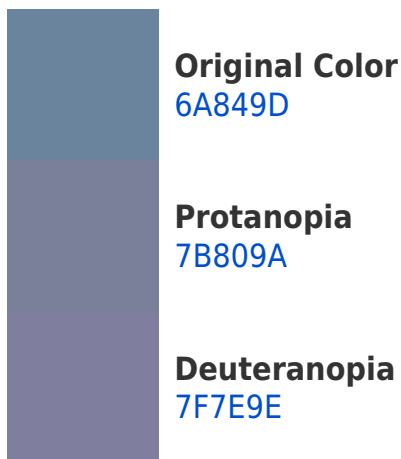



This preview shows how white text looks on a background with the Hex color 6A849D.

# 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**  
678691

# Trichromacy



**Original Color**  
6A849D

**Protanomaly**  
75819B

**Deuteranomaly**  
77809E

**Tritanomaly**  
688595

# Monochromacy



**Original Color**  
6A849D

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
77818A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A849D 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 #6A849D looks like.

```
.text, #text, p{  
    color:#6A849D  
}
```

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 #6A849D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A849D
}
```

## Border

The CSS property to change the border of an element to Hex 6A849D 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
#6A849D }
```

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

```
.border{ border-color:#6A849D }
```

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

Here you see how a box with a 4 pixel #6A849D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A849D; -webkit-box-shadow:4px 4px  
4px 4px #6A849D; box-shadow:4px 4px 4px  
4px #6A849D }
```

# Background

The CSS property to change the background color of an element to Hex 6A849D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A849D }
```

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

```
.background{ background-color:#6A849D }
```

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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