

# Converting Colors

Hex(6B869A)

Have a look what the booklet for  
Hex(6B869A) contains.

<b>Hex(6B869A)</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(6B869A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B869A
RGB	107, 134, 154
RGB Percent	42%, 53%, 60%
CMY	0.5804, 0.4745, 0.3961
CMYK	0.31, 0.13, 0.00, 0.40
HSL	206°, 19%, 51%
HSV	206°, 31%, 60%
XYZ	20.4212, 22.5091, 33.8402
YIQ	128.2070, -22.5120, 0.4960

# Conversions

## Conversions Part 2

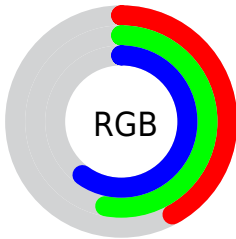
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 124, 154
Decimal	7046810
CIE <sub>Lab</sub>	54.56, -4.68, -13.81
CIE <sub>LCh</sub>	55, 14.585, 251.274
Yxy	22.5091, 0.2660, 0.2932
Android (android.graphics.Color)	4285236890 (0xFF6B869A)
YUV	128.2070, 12.7159, -18.5985
Hunter-Lab	47.4437, -6.1947, -9.0792

# Details

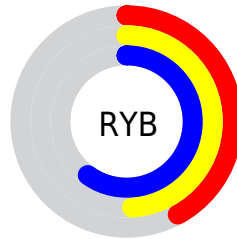
The Hex color **6B869A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A7F6B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9FBBD0**, and **3A5467** is the 20% darker color. If you saturate the color by 10%, you get **5C7F9A**, and if you desaturate by 10%, it is **7A8D9A**.

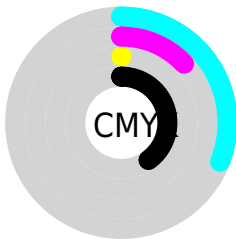
# Distribution



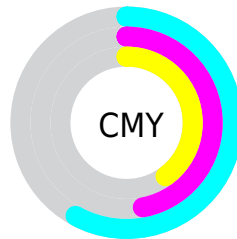
- Red (42%)
- Green (53%)
- Blue (60%)



- Red (42%)
- Yellow (49%)
- Blue (60%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (58%)
- Magenta (47%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B869A 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 6B869A by changing the saturation by 10% instead.





6B869A



6B869A

FFFFFF



526D80



9FBBD0



3A5467



BBD7ED



223D4F



D7F3FF



082838



F3FFFF



001322



00000B



000000



6B869A



6B869A



5C7F9A



7A8D9A

■ 4C799A

■ 8A939A

■ 3D729A

■ 999A9A

■ 2D6C9A

■ A9A09A

■ 1E659A

■ B8A79A

■ 0F5F9A

■ C7AD9A

■ 00589A

■ D7B49A

■ E6BA9A

■ F6C19A

# Harmonies

## Analogous

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



628993



6B869A



7B829B

# Triad

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



6B869A



9D7A7E



79876F

# Complementary

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



6B869A



9A7F6B

# 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.



87836A



6B869A



9B7B72

# Square

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



6B869A



977B8B



947F6B



6B897A

# Rectangle

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



6B869A



867F98



947F6B



7E866D



# Sweetspot

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



6B869A



B7C2C9



6B9A7F



5B6166



E6E6E6



666666



# Same Dimension

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



6B869A



7FAAC9



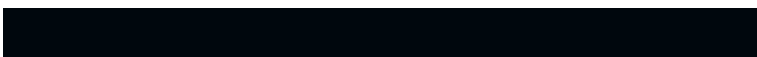
6B6F9A



45494D



00518C



00070D



# Inverse Universe

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



9A6B86



C97FAA



9A966B



4D4549



8C0051



0D0007



# Previews

## White Background



This preview shows how the Hex color 6B869A looks on a white background.

## Color Contrast Check

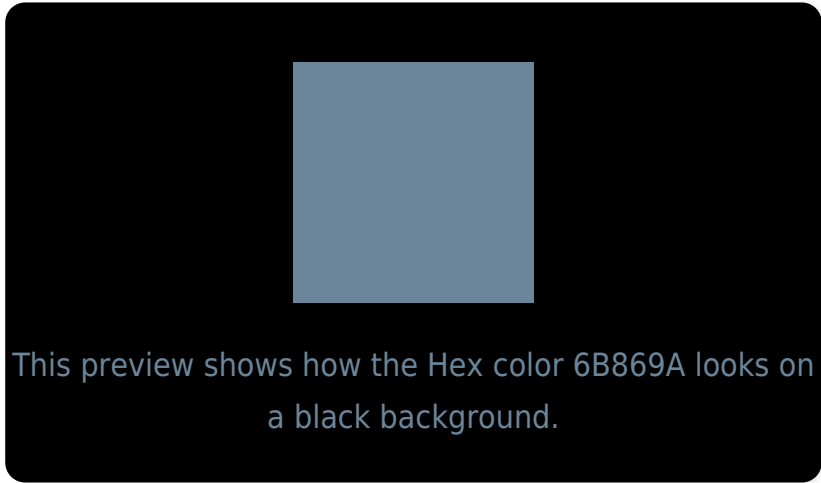
Large Text (above 18pt) WCAG AA ✓ Pass

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

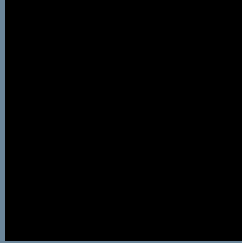
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

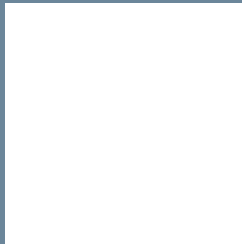
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B869A Background



This preview shows how black text looks on a background with the Hex color 6B869A.

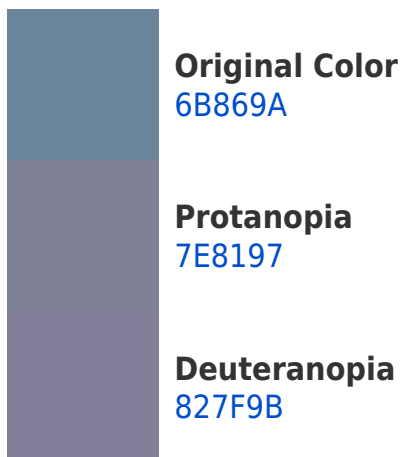


This preview shows how white text looks on a background with the Hex color 6B869A.

# 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](#).

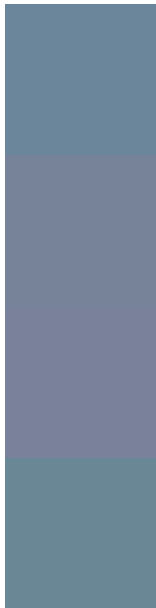
## Dichromacy





**Tritanopia**  
698792

# Trichromacy



**Original Color**  
6B869A

**Protanomaly**  
778398

**Deuteranomaly**  
7A829B

**Tritanomaly**  
6A8795

# Monochromacy



**Original Color**  
6B869A

**Achromatopsia**  
808080

**Achromatomaly**  
788289

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B869A 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 #6B869A looks like.

```
.text, #text, p{  
    color:#6B869A  
}
```

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 #6B869A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B869A
}
```

## Border

The CSS property to change the border of an element to Hex 6B869A 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
#6B869A }
```

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

```
.border{ border-color:#6B869A }
```

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

Here you see how a box with a 4 pixel #6B869A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B869A; -webkit-box-shadow:4px 4px  
4px 4px #6B869A; box-shadow:4px 4px 4px  
4px #6B869A }
```

# Background

The CSS property to change the background color of an element to Hex 6B869A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B869A }
```

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

```
.background{ background-color:#6B869A }
```

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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