

# Converting Colors

Hex(69839A)

Have a look what the booklet for  
Hex(69839A) contains.

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# Color

**Hex(69839A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69839A
RGB	105, 131, 154
RGB Percent	41%, 51%, 60%
CMY	0.5882, 0.4863, 0.3961
CMYK	0.32, 0.15, 0.00, 0.40
HSL	208°, 20%, 51%
HSV	208°, 32%, 60%
XYZ	19.7747, 21.5690, 33.6928
YIQ	125.8480, -22.8790, 1.6410

# Conversions

## Conversions Part 2

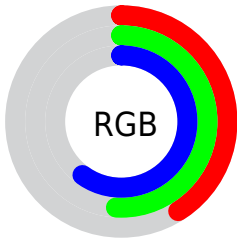
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 122, 154
Decimal	6914970
CIELab	53.57, -3.58, -15.33
CIELCh	54, 15.747, 256.852
Yxy	21.5690, 0.2635, 0.2874
Android (android.graphics.Color)	4285105050 (0xFF69839A)
YUV	125.8480, 13.8789, -18.2837
Hunter-Lab	46.4424, -5.2705, -10.5038

# Details

The Hex color **69839A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A8069**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9DB8D0**, and **385267** is the 20% darker color. If you saturate the color by 10%, you get **5A7C9A**, and if you desaturate by 10%, it is **788A9A**.

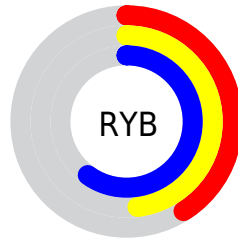
# Distribution



Red (41%)

Green (51%)

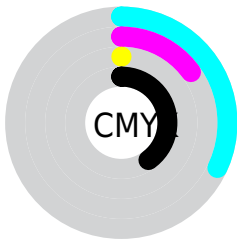
Blue (60%)



Red (41%)

Yellow (48%)

Blue (60%)

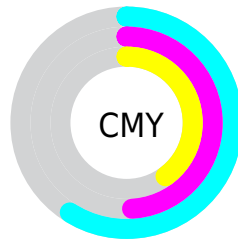


Cyan (32%)

Magenta (15%)

Yellow (0%)

Black (40%)



Cyan (59%)

Magenta (49%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69839A 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 69839A by changing the saturation by 10% instead.





69839A



69839A

FFFFFF



506A80



9DB8D0



385267



B9D4ED



203B4F



D5F0FF



052538



F1FFFF



001022



00000A



000000



69839A



69839A



5A7C9A



788A9A

■ 4A759A

■ 88919A

■ 3B6D9A

■ 97999A

■ 2B669A

■ A7A09A

■ 1C5F9A

■ B6A79A

■ 0D589A

■ C5AE9A

■ 00529A

■ D5B69A

■ E4BD9A

■ F4C49A

# Harmonies

## Analogous

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



5D8693



69839A



7B7F9A

# Triad

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



69839A



9C7779



73856D

# Complementary

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



69839A



9A8069

# 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.



828266



69839A



99796D

# Square

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



69839A



987787



907D66



658779

# Rectangle

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



69839A



867B96



907D66



78846A



# Sweetspot

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



69839A



B5C0C9



699A80



5A6066



E6E6E6



666666



# Same Dimension

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



69839A



7DA6C9



696B9A



45494D



004A8C



00070D



# Inverse Universe

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



9A6983



C97DA6



9A9869



4D4549



8C004A



0D0007



# Previews

## White Background



This preview shows how the Hex color 69839A looks on a white background.

## Color Contrast Check

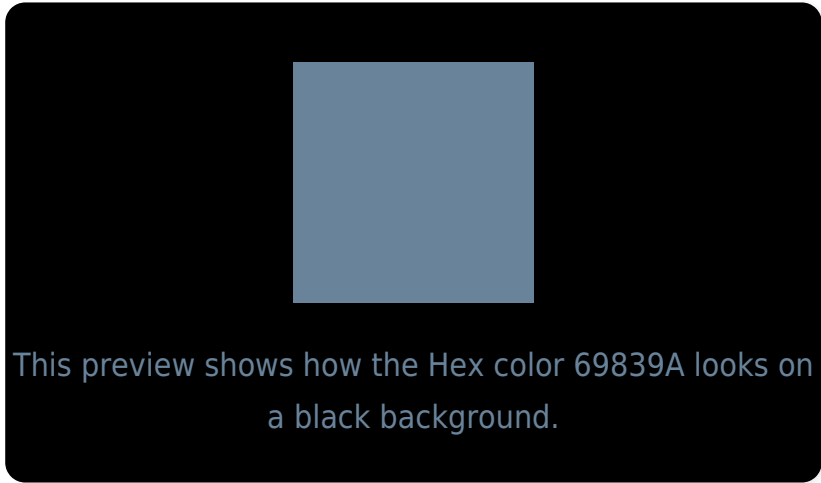
Large Text (above 18pt) WCAG AA ✓ Pass

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

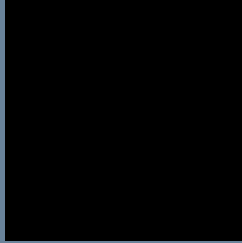
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

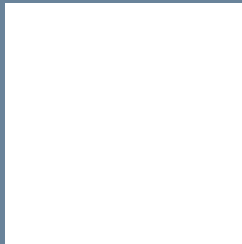
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69839A Background



This preview shows how black text looks on a background with the Hex color 69839A.



This preview shows how white text looks on a background with the Hex color 69839A.

# 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



**Original Color**  
69839A

**Protanopia**  
7B7F97

**Deuteranopia**  
7E7D9B



**Tritanopia**  
67858F

# Trichromacy



**Original Color**  
69839A

**Protanomaly**  
748098

**Deuteranomaly**  
767F9B

**Tritanomaly**  
688493

# Monochromacy



**Original Color**  
69839A

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
768088

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69839A 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 #69839A looks like.

```
.text, #text, p{  
    color:#69839A  
}
```

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 #69839A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69839A
}
```

## Border

The CSS property to change the border of an element to Hex 69839A 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
#69839A }
```

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

```
.border{ border-color:#69839A }
```

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

Here you see how a box with a 4 pixel #69839A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69839A; -webkit-box-shadow:4px 4px  
4px 4px #69839A; box-shadow:4px 4px 4px  
4px #69839A }
```

# Background

The CSS property to change the background color of an element to Hex 69839A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69839A }
```

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

```
.background{ background-color:#69839A }
```

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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