

# Converting Colors

Hex(39789A)

Have a look what the booklet for  
Hex(39789A) contains.

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# Color

**Hex(39789A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39789A
RGB	57, 120, 154
RGB Percent	22%, 47%, 60%
CMY	0.7765, 0.5294, 0.3961
CMYK	0.63, 0.22, 0.00, 0.40
HSL	201°, 46%, 41%
HSV	201°, 63%, 60%
XYZ	14.2365, 16.6359, 33.0326
YIQ	105.0390, -48.4620, -2.7820

# Conversions

## Conversions Part 2

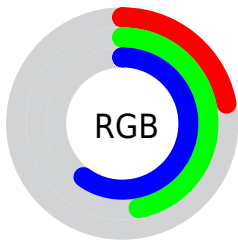
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 95, 154
Decimal	3766426
CIELab	47.80, -9.45, -24.39
CIELCh	48, 26.159, 248.813
Yxy	16.6359, 0.2228, 0.2603
Android (android.graphics.Color)	4281956506 (0xFF39789A)
YUV	105.0390, 24.1378, -42.1302
Hunter-Lab	40.7871, -9.0729, -19.4666

# Details

The Hex color **39789A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A5B39**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **71ACD1**, and **004867** is the 20% darker color. If you saturate the color by 10%, you get **2A739A**, and if you desaturate by 10%, it is **487D9A**.

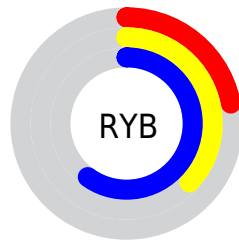
# Distribution



Red (22%)

Green (47%)

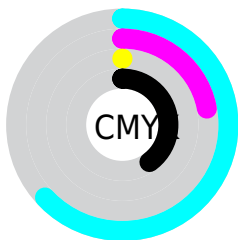
Blue (60%)



Red (22%)

Yellow (37%)

Blue (60%)

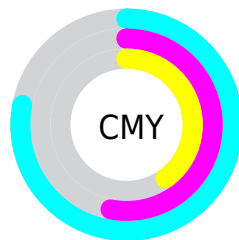


Cyan (63%)

Magenta (22%)

Yellow (0%)

Black (40%)



Cyan (78%)

Magenta (53%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39789A 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 39789A by changing the saturation by 10% instead.





39789A



39789A

FFFFFF



175F80



71ACD1



004867



8DC8ED



00314F



A9E4FF



001D37



C6FFFF



000222



E3FFFF



000008



000000



39789A



39789A



2A739A



487D9A

■ 1A6D9A

■ 58839A

■ 0B689A

■ 67889A

■ 00649A

■ 778E9A

■ 86939A

■ 95989A

■ A59E9A

■ B4A39A

■ C4A99A

# Harmonies

## Analogous

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



1F7C8C



39789A



5D719D

# Triad

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



39789A



9C606C



62784E

# Complementary

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



39789A



9A5B39

# 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.



7A7245



39789A



9A6457

# Square

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



39789A



936382



8E6B49



477C61

# Rectangle

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



39789A



736C98



8E6B49



6A764A



# Sweetspot

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



39789A



A3BCC9



399A5B



4F5E66



E6E6E6



666666



# Same Dimension

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



39789A



3094C9



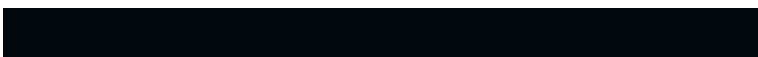
39489A



454A4D



005B8C



00080D



# Inverse Universe

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



9A3978



C93094



9A8B39



4D454A



8C005B



0D0008



# Previews

## White Background



This preview shows how the Hex color 39789A looks on a white background.

## Color Contrast Check

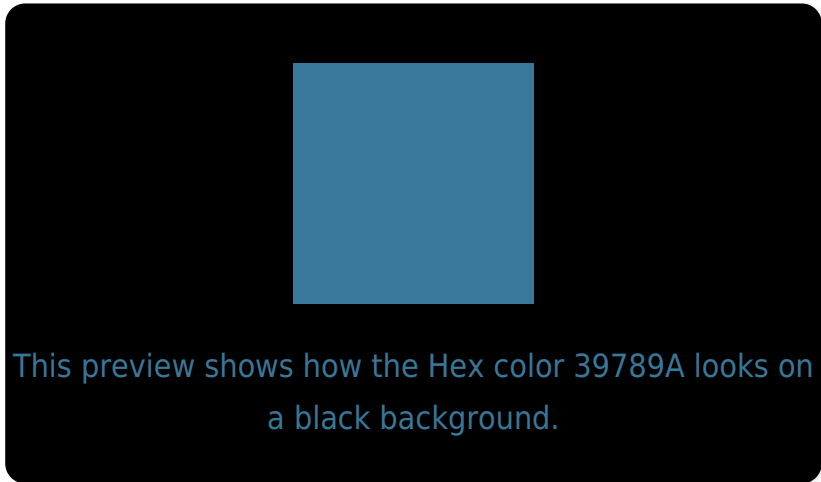
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

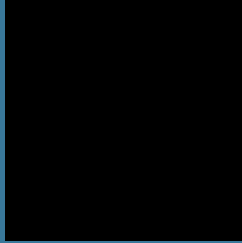
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39789A Background



This preview shows how black text looks on a background with the Hex color 39789A.



This preview shows how white text looks on a background with the Hex color 39789A.

# 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](#).

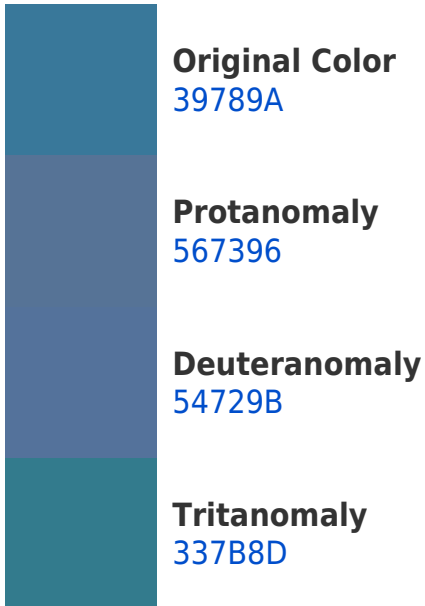
## Dichromacy





**Tritanopia**  
2F7C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39789A 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 #39789A looks like.

```
.text, #text, p{  
    color:#39789A  
}
```

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 #39789A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39789A
}
```

## Border

The CSS property to change the border of an element to Hex 39789A 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
#39789A }
```

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

```
.border{ border-color:#39789A }
```

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

Here you see how a box with a 4 pixel #39789A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39789A; -webkit-box-shadow:4px 4px  
4px 4px #39789A; box-shadow:4px 4px 4px  
4px #39789A }
```

# Background

The CSS property to change the background color of an element to Hex 39789A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39789A }
```

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

```
.background{ background-color:#39789A }
```

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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