

# Converting Colors

Hex(379A8D)

Have a look what the booklet for  
Hex(379A8D) contains.

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# Color

**Hex(379A8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	379A8D
RGB	55, 154, 141
RGB Percent	22%, 60%, 55%
CMY	0.7843, 0.3961, 0.4471
CMYK	0.64, 0.00, 0.08, 0.40
HSL	172°, 47%, 41%
HSV	172°, 64%, 60%
XYZ	17.9389, 25.8465, 29.2427
YIQ	122.9170, -54.8310, -25.0310

# Conversions

## Conversions Part 2

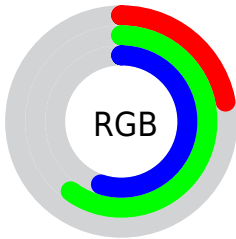
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 108, 154
Decimal	3644045
CIELab	57.89, -31.69, -1.64
CIElCh	58, 31.732, 182.961
Yxy	25.8465, 0.2456, 0.3539
Android (android.graphics.Color)	4281834125 (0xFF379A8D)
YUV	122.9170, 8.9149, -59.5632
Hunter-Lab	50.8395, -25.9848, 1.4842

# Details

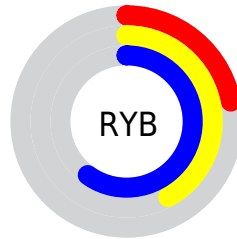
The Hex color **379A8D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A3744**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **72D1C3**, and **00665B** is the 20% darker color. If you saturate the color by 10%, you get **289A8B**, and if you desaturate by 10%, it is **469A8F**.

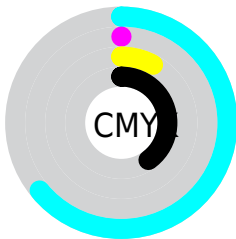
# Distribution



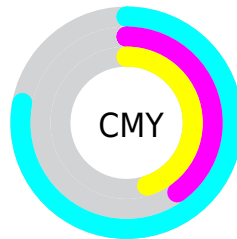
- Red (22%)
- Green (60%)
- Blue (55%)



- Red (22%)
- Yellow (42%)
- Blue (60%)



- Cyan (64%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 379A8D 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 379A8D by changing the saturation by 10% instead.



 379A8D

 379A8D

FFFFFF

 0F8074

 72D1C3

 00665B

 8EEDDE

 004E44

 AAFFFB

 00362D

 C7FFFF

 002219

 E5FFFF

 000000

 379A8D

 379A8D

 289A8B

 469A8F

 189A89

 569A91

099A87

659A93

009A86

759A95

849A97

939A99

A39A9B

B29A9D

C29A9F

# Harmonies

## Analogous

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



5C9871



379A8D



1999A8

# Triad

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



379A8D



9283BA



B2815A

# Complementary

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



379A8D



9A3744

# 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.



C0796E



379A8D



B07AA5

# Square

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



379A8D



688DC2



C07689



9B8A53

# Rectangle

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



379A8D



2997B7



C07689



B87E60



# Sweetspot

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



379A8D



A3C9C4



449A37



4F6663



E6E6E6



666666



# Same Dimension

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



379A8D



2EC9B5



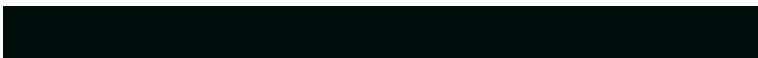
37769A



454D4B



008C7A



000D0B



# Inverse Universe

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



9A3744



C92E43



9A5B37



4D4546



8C0012

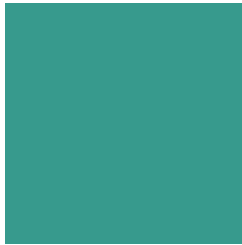


0D0002



# Previews

## White Background



This preview shows how the Hex color 379A8D looks on a white background.

## Color Contrast Check

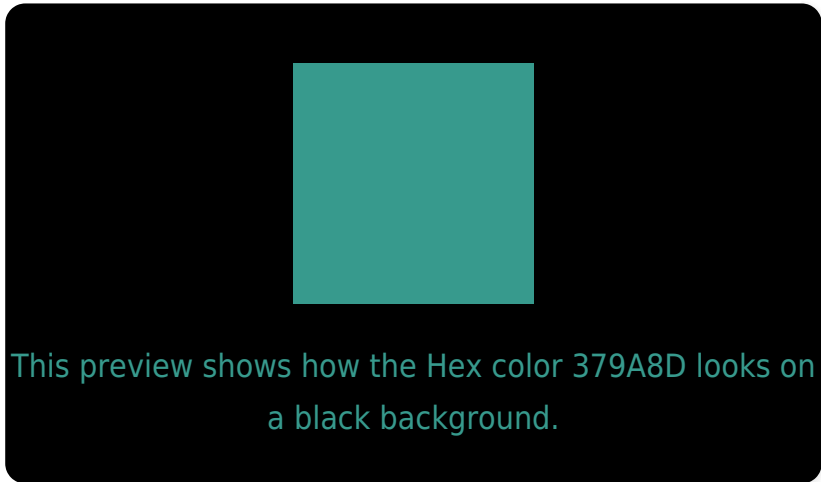
Large Text (above 18pt) WCAG AA ✓ Pass

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

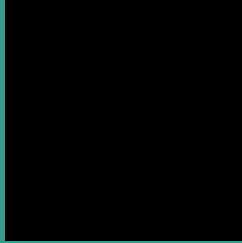
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 379A8D Background



This preview shows how black text looks on a background with the Hex color 379A8D.

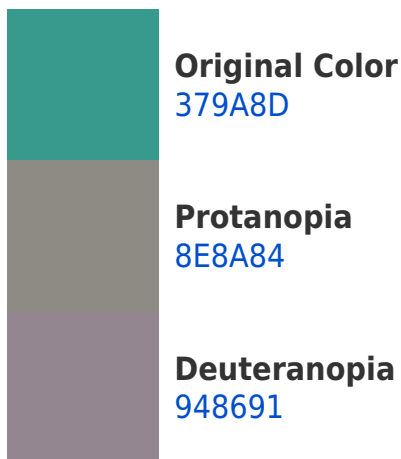


This preview shows how white text looks on a background with the Hex color 379A8D.

# 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](#).

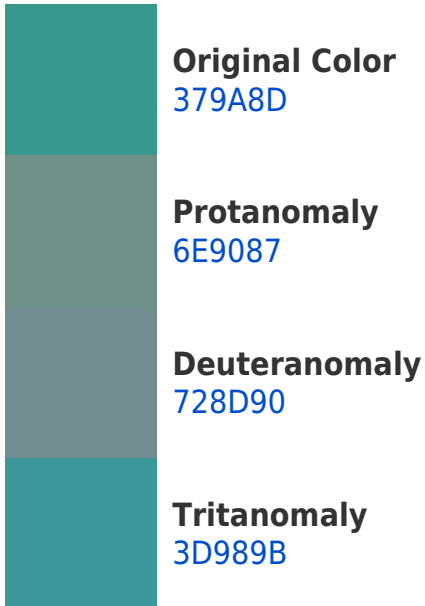
## Dichromacy



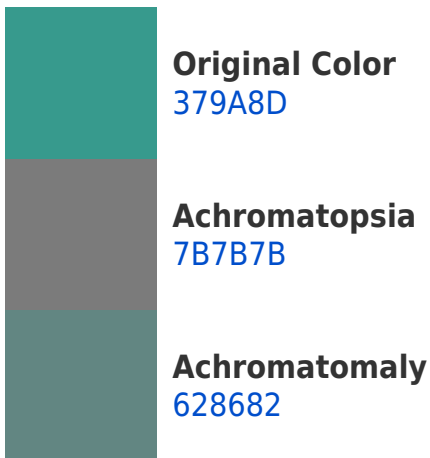


**Tritanopia**  
4197A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 379A8D 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 #379A8D looks like.

```
.text, #text, p{  
    color:#379A8D  
}
```

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 #379A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #379A8D
}
```

## Border

The CSS property to change the border of an element to Hex 379A8D 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
#379A8D }
```

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

```
.border{ border-color:#379A8D }
```

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

Here you see how a box with a 4 pixel #379A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #379A8D; -webkit-box-shadow:4px 4px  
4px 4px #379A8D; box-shadow:4px 4px 4px  
4px #379A8D }
```

# Background

The CSS property to change the background color of an element to Hex 379A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#379A8D }
```

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

```
.background{ background-color:#379A8D }
```

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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