

# Converting Colors

Hex(39818E)

Have a look what the booklet for  
Hex(39818E) contains.

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# Color

**Hex(39818E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39818E
RGB	57, 129, 142
RGB Percent	22%, 51%, 56%
CMY	0.7765, 0.4941, 0.4431
CMYK	0.60, 0.09, 0.00, 0.44
HSL	189°, 43%, 39%
HSV	189°, 60%, 56%
XYZ	14.4201, 18.5234, 28.4065
YIQ	108.9540, -47.0850, -11.2210

# Conversions

## Conversions Part 2

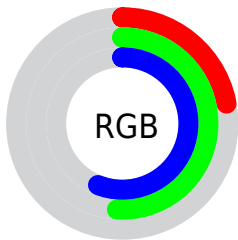
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	57, 96, 142
Decimal	3768718
CIE <sub>Lab</sub>	50.12, -18.35, -13.79
CIE <sub>LCh</sub>	50, 22.950, 216.923
Yxy	18.5234, 0.2350, 0.3019
Android (android.graphics.Color)	4281958798 (0xFF39818E)
YUV	108.9540, 16.2917, -45.5637
Hunter-Lab	43.0388, -15.5117, -9.0055

# Details


The Hex color **39818E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E4639**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **71B6C4**, and **00505C** is the 20% darker color. If you saturate the color by 10%, you get **2B7F8E**, and if you desaturate by 10%, it is **47838E**.

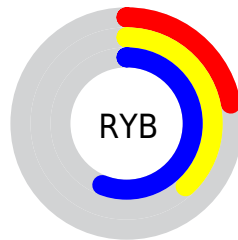
# Distribution



 Red (22%)


 Green (51%)

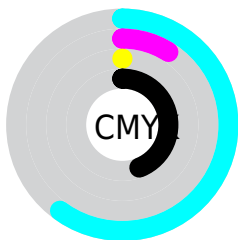
 Blue (56%)





 Red (22%)

 Yellow (38%)

 Blue (56%)

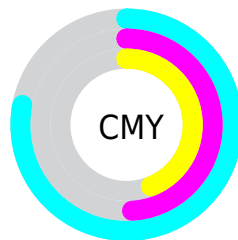



 Cyan (60%)


 Magenta (9%)

 Yellow (0%)

 Black (44%)



 Cyan (78%)

 Magenta (49%)

 Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39818E 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 39818E by changing the saturation by 10% instead.



■ 39818E

■ 39818E

FFFFFF

■ 196874

■ 71B6C4

■ 00505C

■ 8CD2E0

■ 003844

■ A8EEFC

■ 00232E

■ C5FFFF

■ 00021A

■ E1FFFF

■ 000000

■ 39818E

■ 39818E

■ 2B7F8E

■ 47838E

■ 1D7D8E

■ 55858E

0E7A8E

64888E

00788E

728A8E

808C8E

8E8E8E

9C908E

AB928E

B9958E

# Harmonies

## Analogous

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



40827B



39818E



497D9B

# Triad

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



39818E



946B87



817750

# Complementary

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



39818E



8E4639

# 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.



927154



39818E



9E6973

# Square

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



39818E



807196



9D6B61



6B7D58

# Rectangle

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



39818E



5B7A9E



9D6B61



877550



# Sweetspot

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



39818E



97B3B8



398E46



48595C



DBDBDB



5C5C5C



# Same Dimension

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



39818E



33A3B8



39578E



404647



007287



000608



# Inverse Universe

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



8E3981



B833A3



8E7039



474046



870072

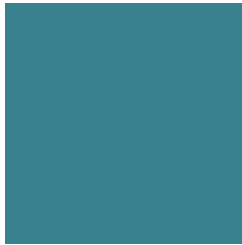


080006



# Previews

## White Background



This preview shows how the Hex color 39818E looks on a white background.

## Color Contrast Check

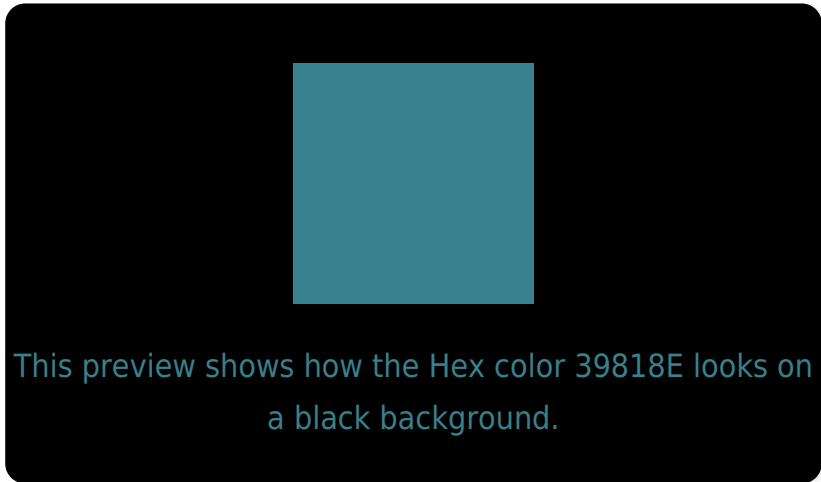
Large Text (above 18pt) WCAG AA ✓ Pass

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

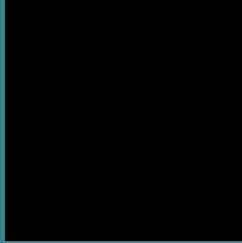
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 39818E Background



This preview shows how black text looks on a background with the Hex color 39818E.

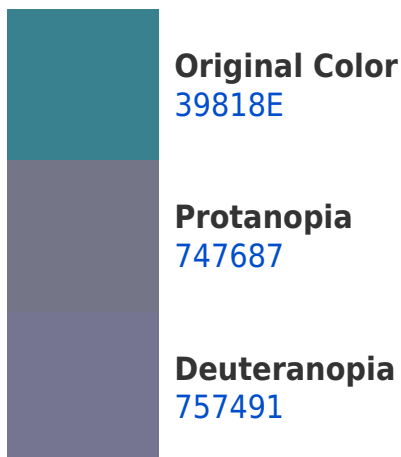



This preview shows how white text looks on a background with the Hex color 39818E.

# 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](#).

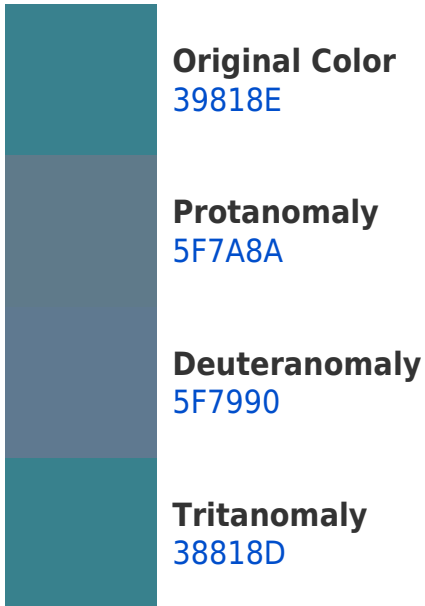
## Dichromacy



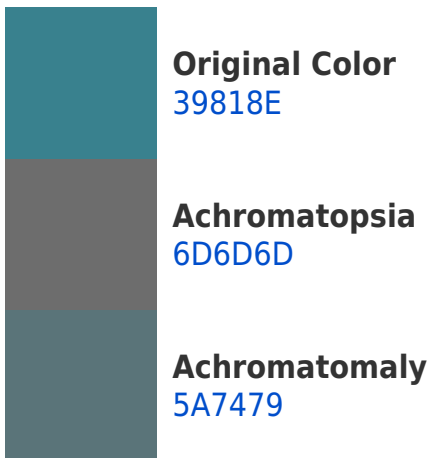


**Tritanopia**  
38818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39818E 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 #39818E looks like.

```
.text, #text, p{  
    color:#39818E  
}
```

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 #39818E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39818E
}
```

## Border

The CSS property to change the border of an element to Hex 39818E 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
#39818E }
```

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

```
.border{ border-color:#39818E }
```

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

Here you see how a box with a 4 pixel #39818E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39818E; -webkit-box-shadow:4px 4px  
4px 4px #39818E; box-shadow:4px 4px 4px  
4px #39818E }
```

# Background

The CSS property to change the background color of an element to Hex 39818E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39818E }
```

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

```
.background{ background-color:#39818E }
```

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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