

Converting Colors

Hex(3E819C)

Have a look what the booklet for
Hex(3E819C) contains.

Hex(3E819C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E819C)

Conversions

Conversions Part 1

Format	Color
Hex	3E819C
RGB	62, 129, 156
RGB Percent	24%, 51%, 61%
CMY	0.7569, 0.4941, 0.3882
CMYK	0.60, 0.17, 0.00, 0.39
HSL	197°, 43%, 43%
HSV	197°, 60%, 61%
XYZ	15.8376, 19.1249, 34.3092
YIQ	112.0450, -48.5990, -5.8070

Conversions

Conversions Part 2

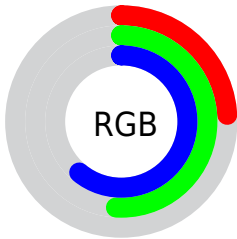
Format	Color
RYB	62, 101, 156
Decimal	4096412
CIELab	50.83, -12.93, -20.87
CIELCh	51, 24.550, 238.209
Yxy	19.1249, 0.2286, 0.2761
Android (android.graphics.Color)	4282286492 (0xFF3E819C)
YUV	112.0450, 21.6698, -43.8895
Hunter-Lab	43.7321, -11.8872, -15.9025

Details

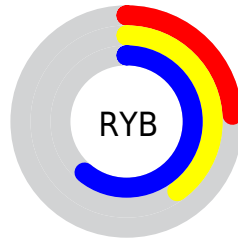
The Hex color **3E819C** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9C593E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **76B6D3**, and **005069** is the 20% darker color. If you saturate the color by 10%, you get **2E7D9C**, and if you desaturate by 10%, it is **4E859C**.

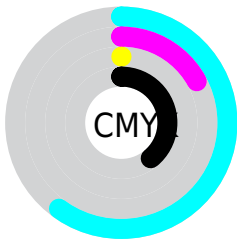
Distribution



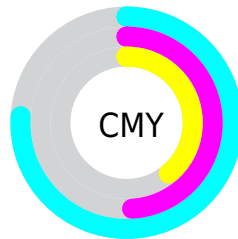
- Red (24%)
- Green (51%)
- Blue (61%)



- Red (24%)
- Yellow (40%)
- Blue (61%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E819C 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 3E819C by changing the saturation by 10% instead.

■ 3E819C

■ 3E819C

FFFFFF

■ 1E6882

■ 76B6D3

■ 005069

■ 92D2EF

■ 003950

■ AEEEFF

■ 002339

■ CBFFFF

■ 000824

■ E8FFFF

■ 00000C

■ 000000

■ 3E819C

■ 3E819C

■ 2E7D9C

■ 4E859C

■ 1F789C

■ 5D8A9C

■ 0F749C

■ 6D8E9C

■ 006F9C

■ 7C939C

■ 8C979C

■ 9C9C9C

■ ABA09C

■ BBA59C

■ CAA99C

Harmonies

Analogous

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



33848C



3E819C



5B7BA3

Triad

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



3E819C



A0697B



737E54

Complementary

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



3E819C



9C593E

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.



89774F



3E819C



A26B66

Square

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



3E819C



936D8F



9A7056



5B8262

Rectangle

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



3E819C



7077A1



9A7056



7B7C51

Sweetspot

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



3E819C



A7C1CC



3E9C59



506066



E6E6E6



666666

Same Dimension

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



3E819C



39A2CC



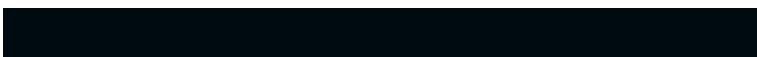
3E529C



474D4F



00668F



000B0F

Inverse Universe

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



9C3E81



CC39A2



9C883E



4F474D



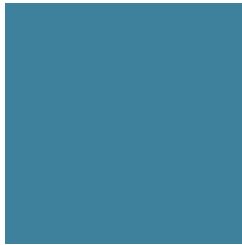
8F0066



0F000B

Previews

White Background



This preview shows how the Hex color 3E819C looks on a white background.

Color Contrast Check

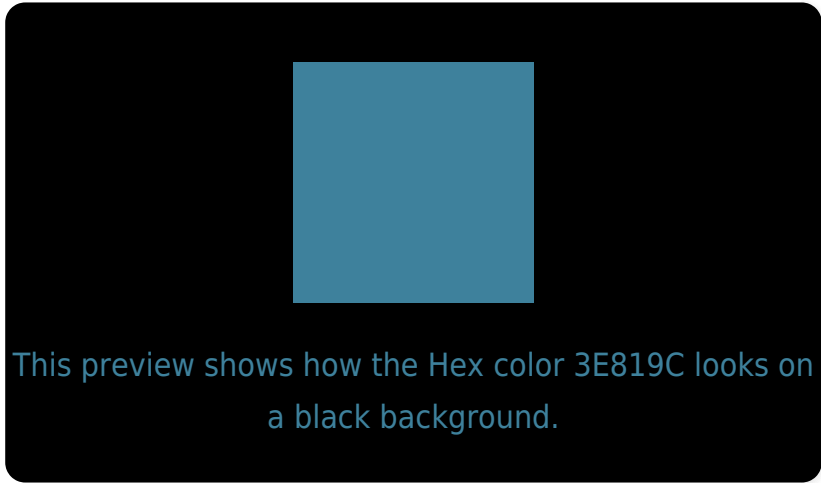
Large Text (above 18pt) WCAG AA ✓ Pass

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

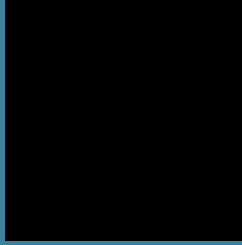
Any Text WCAG AA ✓ Pass

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 3E819C Background



This preview shows how black text looks on a background with the Hex color 3E819C.

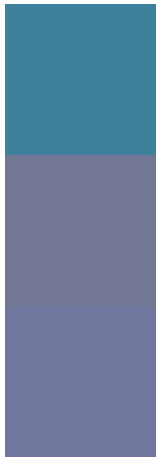


This preview shows how white text looks on a background with the Hex color 3E819C.

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
3E819C

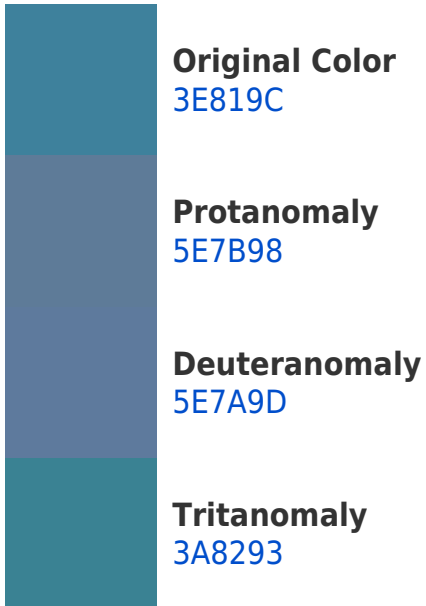
Protanopia
717795

Deuteranopia
70769E

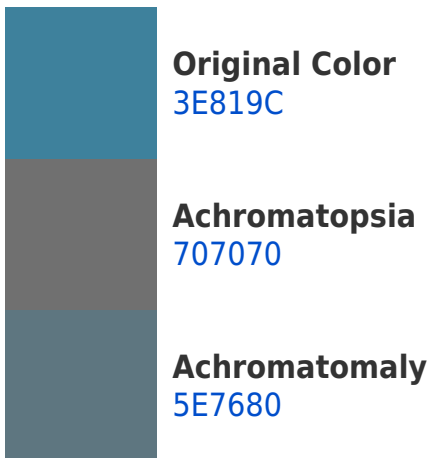


Tritanopia
38838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E819C 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 #3E819C looks like.

```
.text, #text, p{  
    color:#3E819C  
}
```

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 #3E819C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E819C
}
```

Border

The CSS property to change the border of an element to Hex 3E819C 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
#3E819C }
```

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

```
.border{ border-color:#3E819C }
```

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

Here you see how a box with a 4 pixel #3E819C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E819C; -webkit-box-shadow:4px 4px  
4px 4px #3E819C; box-shadow:4px 4px 4px  
4px #3E819C }
```

Background

The CSS property to change the background color of an element to Hex 3E819C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E819C }
```

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

```
.background{ background-color:#3E819C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor