

# Converting Colors

Hex(3E859C)

Have a look what the booklet for  
Hex(3E859C) contains.

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# Color

Hex(3E859C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E859C
RGB	62, 133, 156
RGB Percent	24%, 52%, 61%
CMY	0.7569, 0.4784, 0.3882
CMYK	0.60, 0.15, 0.00, 0.39
HSL	195°, 43%, 43%
HSV	195°, 60%, 61%
XYZ	16.3749, 20.1995, 34.4883
YIQ	114.3930, -49.6990, -7.8990

# Conversions

## Conversions Part 2

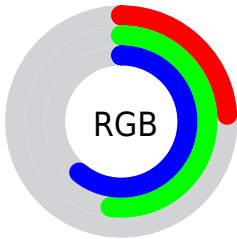
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 102, 156
Decimal	4097436
CIE Lab	52.06, -15.15, -18.98
CIE LCh	52, 24.291, 231.402
Yxy	20.1995, 0.2304, 0.2842
Android (android.graphics.Color)	4282287516 (0xFF3E859C)
YUV	114.3930, 20.5123, -45.9487
Hunter-Lab	44.9438, -13.6169, -14.0364

# Details

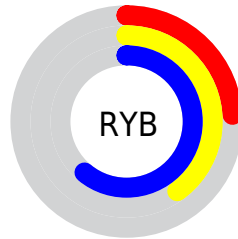
The Hex color **3E859C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C553E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **76BAD3**, and **005369** is the 20% darker color. If you saturate the color by 10%, you get **2E819C**, and if you desaturate by 10%, it is **4E899C**.

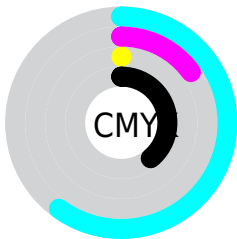
# Distribution



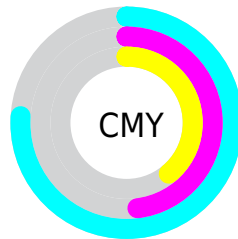
- Red (24%)
- Green (52%)
- Blue (61%)



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



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (48%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E859C 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 3E859C by changing the saturation by 10% instead.





3E859C



3E859C

FFFFFF



1E6C82



76BAD3



005369



92D6EF



003C51



AEF2FF



002639



CBFFFF



001024



E8FFFF



00010D



000000



3E859C



3E859C



2E819C



4E899C

■ 1F7D9C

■ 5D8D9C

■ 0F7A9C

■ 6D909C

■ 00769C

■ 7C949C

■ 8C989C

■ 9C9C9C

■ ABA09C

■ BBA49C

■ CAA79C

# Harmonies

## Analogous

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



3A878B



3E859C



5880A5

# Triad

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



3E859C



A16D83



7B8055

# Complementary

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



3E859C



9C553E

# 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.



907953



3E859C



A66D6E

# Square

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



3E859C



917296



9F725C



638562

# Rectangle

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



3E859C



6D7BA5



9F725C



837D53



# Sweetspot

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



3E859C



A7C3CC



3E9C54



506166



E6E6E6



666666



# Same Dimension

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



3E859C



39A8CC



3E579C



474D4F



006C8F



000C0F



# Inverse Universe

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



9C3E85



CC39A8



9C833E



4F474D



8F006C

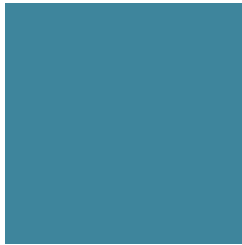


0F000C



# Previews

## White Background



This preview shows how the Hex color 3E859C looks on a white background.

## Color Contrast Check

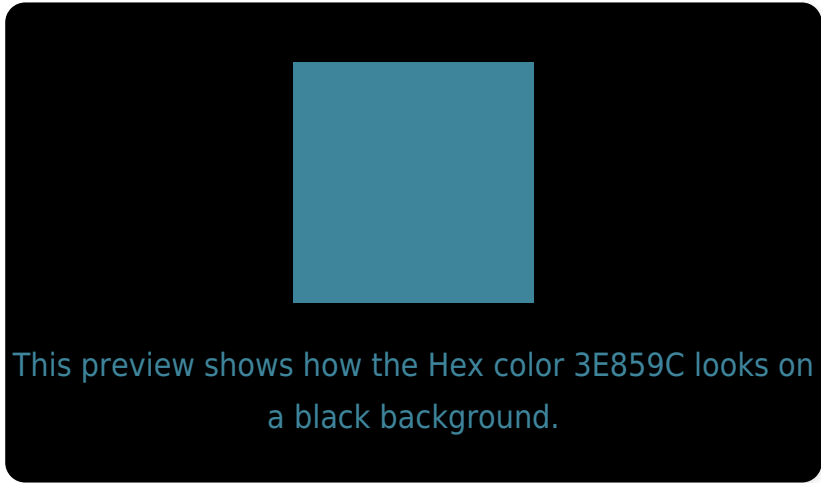
Large Text (above 18pt) WCAG AA ✓ Pass

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

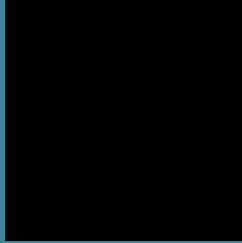
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3E859C Background



This preview shows how black text looks on a background with the Hex color 3E859C.

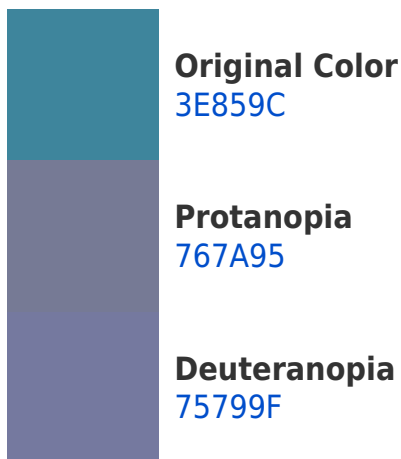


This preview shows how white text looks on a background with the Hex color 3E859C.

# 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](#).

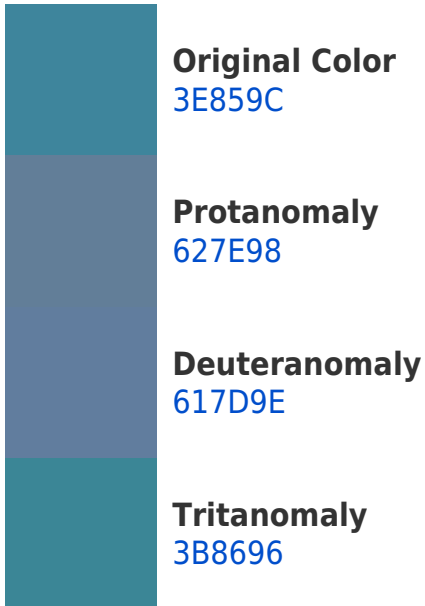
## Dichromacy





**Tritanopia**  
398792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E859C 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 #3E859C looks like.

```
.text, #text, p{  
    color:#3E859C  
}
```

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 #3E859C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E859C  
}
```

## Border

The CSS property to change the border of an element to Hex 3E859C 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  
#3E859C }
```

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

```
.border{ border-color:#3E859C }
```

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

Here you see how a box with a 4 pixel #3E859C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E859C; -webkit-box-shadow:4px 4px  
4px 4px #3E859C; box-shadow:4px 4px 4px  
4px #3E859C }
```

# Background

The CSS property to change the background color of an element to Hex 3E859C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E859C }
```

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

```
.background{ background-color:#3E859C }
```

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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