

Converting Colors

Hex(3E8199)

Have a look what the booklet for
Hex(3E8199) contains.

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Color

Hex(3E8199)

Conversions

Conversions Part 1

Format	Color
Hex	3E8199
RGB	62, 129, 153
RGB Percent	24%, 51%, 60%
CMY	0.7569, 0.4941, 0.4000
CMYK	0.59, 0.16, 0.00, 0.40
HSL	196°, 42%, 42%
HSV	196°, 59%, 60%
XYZ	15.5866, 19.0246, 32.9876
YIQ	111.7030, -47.6360, -6.7400

Conversions

Conversions Part 2

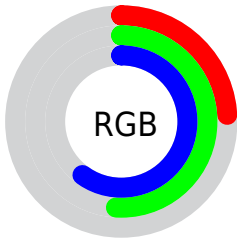
Format	Color
R _{YB}	62, 101, 153
Decimal	4096409
CIE _{Lab}	50.72, -13.89, -19.30
CIE _{LCh}	51, 23.777, 234.256
Y _{xy}	19.0246, 0.2306, 0.2814
Android (android.graphics.Color)	4282286489 (0xFF3E8199)
Y _{UV}	111.7030, 20.3594, -43.5895
Hunter-Lab	43.6171, -12.5428, -14.3090

Details

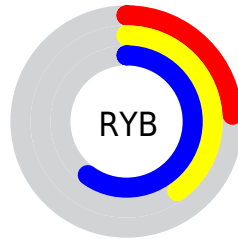
The Hex color **3E8199** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **99563E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **76B6CF**, and **005066** is the 20% darker color. If you saturate the color by 10%, you get **2F7D99**, and if you desaturate by 10%, it is **4D8599**.

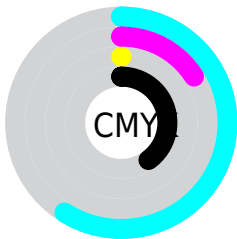
Distribution



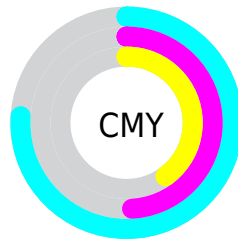
- Red (24%)
- Green (51%)
- Blue (60%)



- Red (24%)
- Yellow (40%)
- Blue (60%)



- Cyan (59%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8199 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 3E8199 by changing the saturation by 10% instead.

■ 3E8199

■ 3E8199

FFFFFF

■ 1F687F

■ 76B6CF

■ 005066

■ 91D2EC

■ 00394E

■ ADEEFF

■ 002337

■ CAFFFF

■ 000722

■ E7FFFF

■ 000008

■ 000000

■ 3E8199

■ 3E8199

■ 2F7D99

■ 4D8599

■ 1F7999

■ 5D8999

■ 107599

■ 6C8D99

■ 017199

■ 7B9199

■ 007199

■ 8B9599

■ 9A9999

■ A99D99

■ B8A199

■ C8A599

Harmonies

Analogous

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



378489



3E8199



587CA1

Triad

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



3E8199



9E6A7D



767D53

Complementary

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



3E8199



99563E

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.



8B7651



3E8199



A16A69

Square

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



3E8199



8F6E91



9A6F59



5E8160

Rectangle

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



3E8199



6C77A0



9A6F59



7D7B51

Sweetspot

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



3E8199



A3BDC7



3E9955



4E5E63



E3E3E3



636363

Same Dimension

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



3E8199



3AA2C7



3E5599



454A4D



00678C



00090D

Inverse Universe

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



993E81



C73AA2



99823E



4D454A



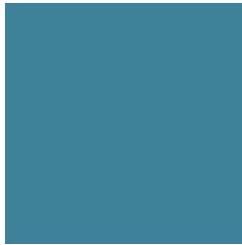
8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 3E8199 looks on a white background.

Color Contrast Check

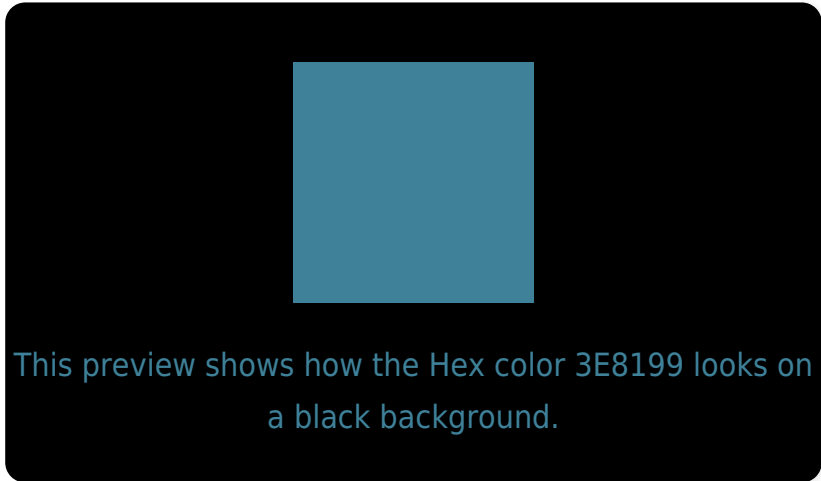
Large Text (above 18pt) WCAG AA ✓ Pass

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

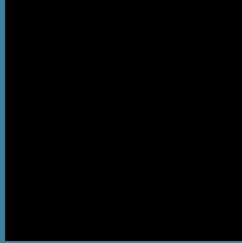
Any Text WCAG AA ✓ Pass

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 3E8199 Background



This preview shows how black text looks on a background with the Hex color 3E8199.

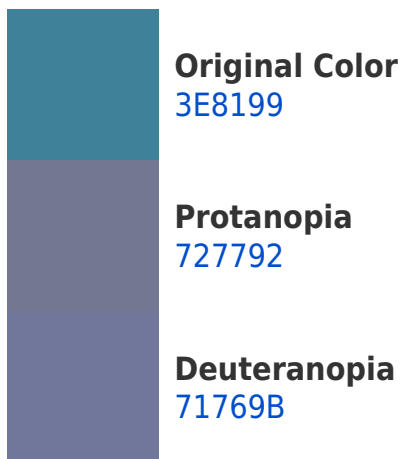


This preview shows how white text looks on a background with the Hex color 3E8199.

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](#).

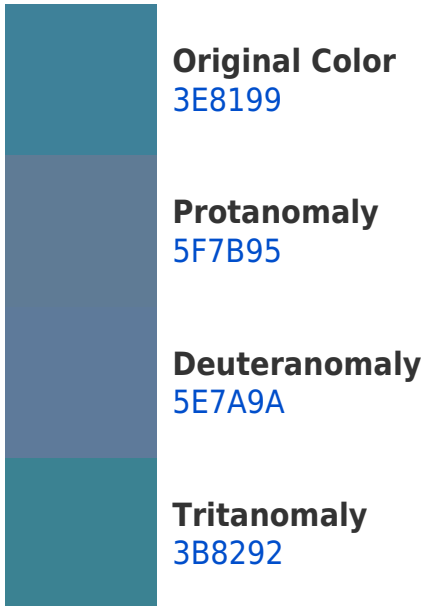
Dichromacy



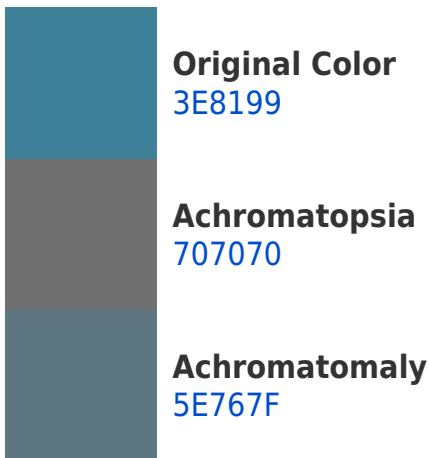


Tritanopia
39838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8199 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 #3E8199 looks like.

```
.text, #text, p{  
    color:#3E8199  
}
```

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 #3E8199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8199
}
```

Border

The CSS property to change the border of an element to Hex 3E8199 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
#3E8199 }
```

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

```
.border{ border-color:#3E8199 }
```

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

Here you see how a box with a 4 pixel #3E8199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8199; -webkit-box-shadow:4px 4px  
4px 4px #3E8199; box-shadow:4px 4px 4px  
4px #3E8199 }
```

Background

The CSS property to change the background color of an element to Hex 3E8199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8199 }
```

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

```
.background{ background-color:#3E8199 }
```

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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