

Converting Colors

Hex(3E8190)

Have a look what the booklet for
Hex(3E8190) contains.

| | |
|--|----|
| Hex(3E8190) | 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(3E8190)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3E8190 |
| RGB | 62, 129, 144 |
| RGB Percent | 24%, 51%, 56% |
| CMY | 0.7569, 0.4941, 0.4353 |
| CMYK | 0.57, 0.10, 0.00, 0.44 |
| HSL | 191°, 40%, 40% |
| HSV | 191°, 57%, 56% |
| XYZ | 14.8709, 18.7383, 29.2186 |
| YIQ | 110.6770, -44.7470, -9.5390 |

Conversions

Conversions Part 2

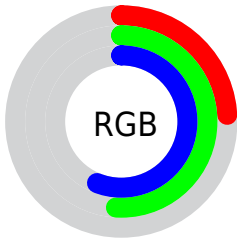
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 62, 99, 144 |
| Decimal | 4096400 |
| CIELab | 50.38, -16.69, -14.55 |
| CIElCh | 50, 22.148, 221.082 |
| Yxy | 18.7383, 0.2367, 0.2982 |
| Android (android.graphics.Color) | 4282286480 (0xFF3E8190) |
| YUV | 110.6770, 16.4282, -42.6897 |
| Hunter-Lab | 43.2877, -14.4323, -9.7185 |




Details

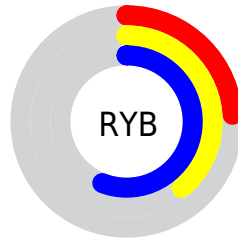
The Hex color **3E8190** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **904D3E**, and the grayscale version is **6F6F6F**.




A 20% lighter version of the original color is **75B6C6**, and **00505E** is the 20% darker color. If you saturate the color by 10%, you get **307E90**, and if you desaturate by 10%, it is **4C8490**.

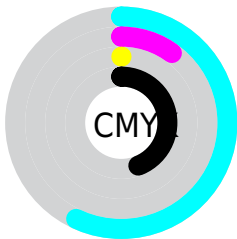
Distribution







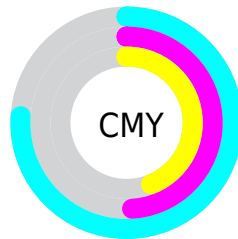
-  Red (24%)
-  Green (51%)
-  Blue (56%)






-  Red (24%)
-  Yellow (39%)
-  Blue (56%)



-  Cyan (57%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (76%)
-  Magenta (49%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8190 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 3E8190 by changing the saturation by 10% instead.

■ 3E8190

■ 3E8190

FFFFFF

■ 206876

■ 75B6C6

■ 00505E

■ 90D2E2

■ 003846

■ ACEEFE

■ 002330

■ C9FFFF

■ 00041B

■ E6FFFF

■ 000000

■ 3E8190

■ 3E8190

■ 307E90

■ 4C8490

■ 217C90

■ 5B8690

■ 137990

■ 698990

■ 047690

■ 788C90

■ 007690

■ 868E90

■ 949190

■ A39390

■ B19690

■ C09990

Harmonies

Analogous

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



42827E



3E8190



4F7D9B

Triad

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



3E8190



966B85



7E7953

Complementary

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



3E8190



904D3E

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.



907355



3E8190



9E6A71

Square

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



3E8190



837194



9B6D60



697E5B

Rectangle

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



3E8190



61799D



9B6D60



857752

Sweetspot

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



3E8190



9BB4BA



3E904C



4B5B5E



DEDEDE



5E5E5E

Same Dimension

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



3E8190



3CA3BA



3E5990



404647



006E87



000608

Inverse Universe

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



903E81



BA3CA3



90753E



474046



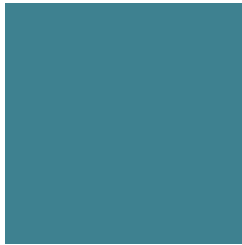
87006E



080006

Previews

White Background



This preview shows how the Hex color 3E8190 looks on a white background.

Color Contrast Check

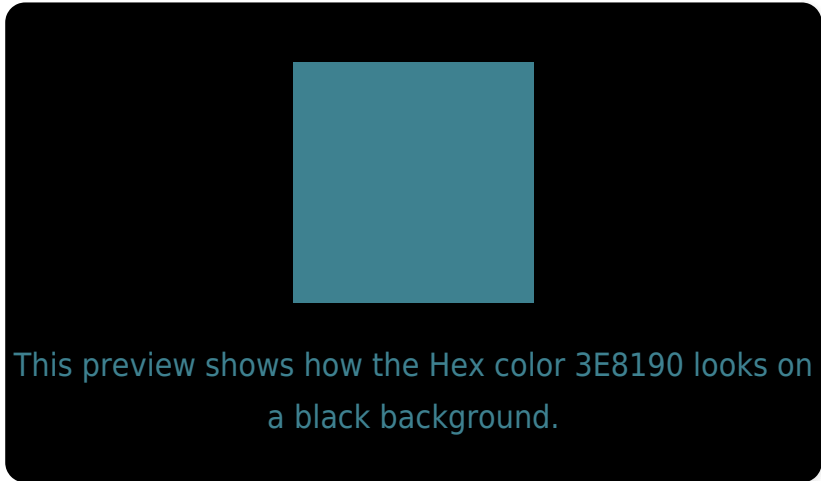
Large Text (above 18pt) WCAG AA ✓ Pass

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

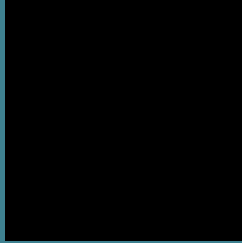
Any Text WCAG AA ✓ Pass

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 3E8190 Background



This preview shows how black text looks on a background with the Hex color 3E8190.

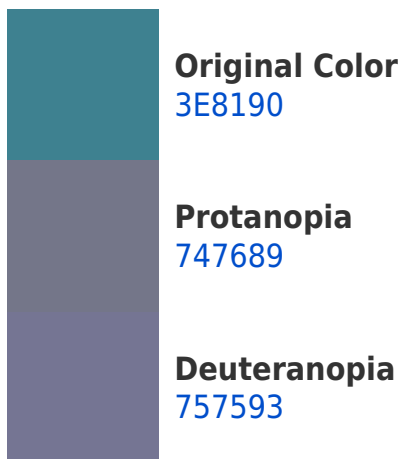


This preview shows how white text looks on a background with the Hex color 3E8190.

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
3C828C

Trichromacy



Original Color
3E8190

Protanomaly
607A8C

Deuteranomaly
617992

Tritanomaly
3D828D

Monochromacy



Original Color
3E8190

Achromatopsia
6F6F6F

Achromatomaly
5D767B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8190 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 #3E8190 looks like.

```
.text, #text, p{  
    color:#3E8190  
}
```

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 #3E8190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8190
}
```

Border

The CSS property to change the border of an element to Hex 3E8190 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
#3E8190 }
```

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

```
.border{ border-color:#3E8190 }
```

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

Here you see how a box with a 4 pixel #3E8190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8190; -webkit-box-shadow:4px 4px  
4px 4px #3E8190; box-shadow:4px 4px 4px  
4px #3E8190 }
```

Background

The CSS property to change the background color of an element to Hex 3E8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8190 }
```

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

```
.background{ background-color:#3E8190 }
```

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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