

Converting Colors

Hex(3E498E)

Have a look what the booklet for
Hex(3E498E) contains.

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Color

Hex(3E498E)

Conversions

Conversions Part 1

Format	Color
Hex	3E498E
RGB	62, 73, 142
RGB Percent	24%, 29%, 56%
CMY	0.7569, 0.7137, 0.4431
CMYK	0.56, 0.49, 0.00, 0.44
HSL	232°, 39%, 40%
HSV	232°, 56%, 56%
XYZ	9.2516, 7.7422, 26.5980
YIQ	77.5770, -28.7050, 19.1270

Conversions

Conversions Part 2

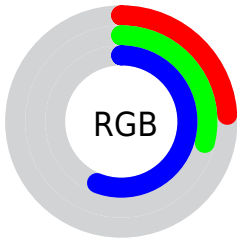
Format	Color
RYB	62, 72, 142
Decimal	4082062
CIELab	33.44, 16.90, -39.78
CIELCh	33, 43.222, 293.013
Yxy	7.7422, 0.2122, 0.1776
Android (android.graphics.Color)	4282272142 (0xFF3E498E)
YUV	77.5770, 31.7605, -13.6610
Hunter-Lab	27.8248, 10.6570, -37.1984

Details

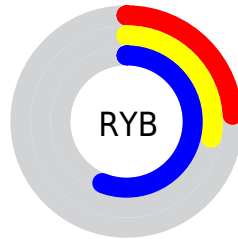
The Hex color **3E498E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8E833E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7479C4**, and **001E5B** is the 20% darker color. If you saturate the color by 10%, you get **303D8E**, and if you desaturate by 10%, it is **4C558E**.

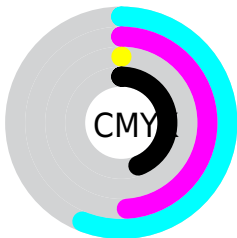
Distribution



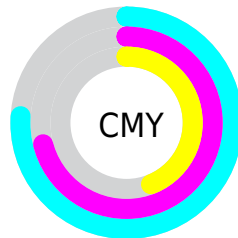
- Red (24%)
- Green (29%)
- Blue (56%)



- Red (24%)
- Yellow (28%)
- Blue (56%)



- Cyan (56%)
- Magenta (49%)
- Yellow (0%)
- Black (44%)



- Cyan (76%)
- Magenta (71%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E498E 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 3E498E by changing the saturation by 10% instead.

■ 3E498E

■ 3E498E

FFFFFF

■ 213374

■ 7479C4

■ 001E5B

■ 8F93E0

■ 000643

■ ABAEFD

■ 00032C

■ C7C9FF

■ 000117

■ E4E5FF

■ 000000

■ 3E498E

■ 3E498E

■ 303D8E

■ 4C558E

■ 22318E

■ 5A618E

■ 13248E

■ 696E8E

■ 05188E

■ 777A8E

■ 00148E

■ 85868E

■ 93928E

■ A19F8E

■ B0AB8E

■ BEB78E

Harmonies

Analogous

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



005593



3E498E



703978

Triad

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



3E498E



7E3C17



005E45

Complementary

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



3E498E



8E833E

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.



145B23



3E498E



664A00

Square

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



3E498E



8B2F36



465503



005E68

Rectangle

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



3E498E



823063



465503



005D39

Sweetspot

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



3E498E



989DB8



3E8E82



494C5C



DBDBDB



5C5C5C

Same Dimension

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



3E498E



3B4CB8



5A3E8E



404147



001387



000108

Inverse Universe

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



8E3E49



B83B4C



728E3E



474041



870013



080001

Previews

White Background



This preview shows how the Hex color 3E498E looks on a white background.

Color Contrast Check

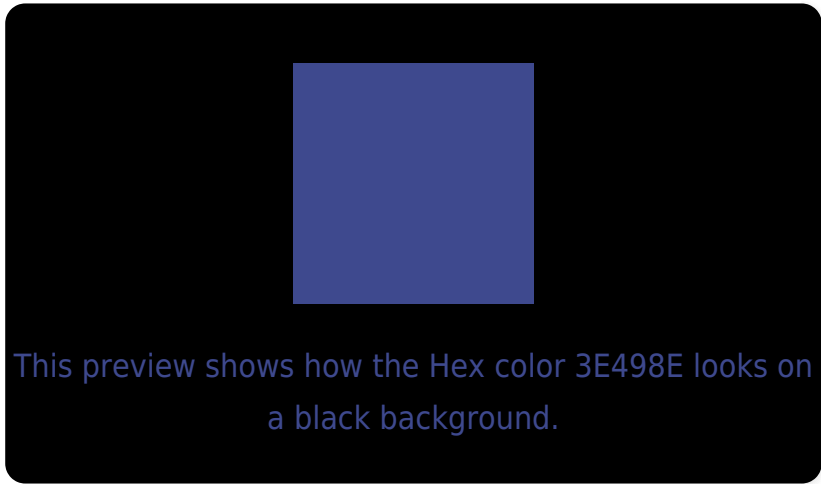
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

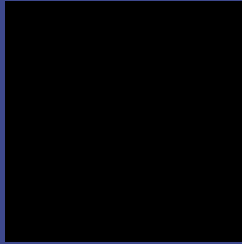
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3E498E Background



This preview shows how black text looks on a background with the Hex color 3E498E.



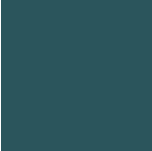
This preview shows how white text looks on a background with the Hex color 3E498E.

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
2B555C

Trichromacy



Original Color
3E498E

Protanomaly
324B90

Deuteranomaly
224D8D

Tritanomaly
32516E

Monochromacy



Original Color
3E498E

Achromatopsia
4E4E4E

Achromatomaly
484C65

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E498E 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 #3E498E looks like.

```
.text, #text, p{  
    color:#3E498E  
}
```

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 #3E498E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E498E
}
```

Border

The CSS property to change the border of an element to Hex 3E498E is called "border". The border property can be set on classes, ids or directly on the HTML element.

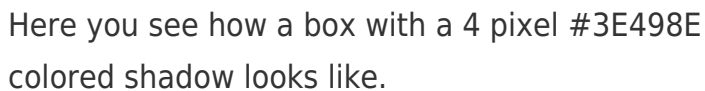
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E498E }
```

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

```
.border{ border-color:#3E498E }
```

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



Here you see how a box with a 4 pixel #3E498E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E498E; -webkit-box-shadow:4px 4px  
4px 4px #3E498E; box-shadow:4px 4px 4px  
4px #3E498E }
```

Background

The CSS property to change the background color of an element to Hex 3E498E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E498E }
```

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

```
.background{ background-color:#3E498E }
```

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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