

Converting Colors

Hex(3E488B)

Have a look what the booklet for
Hex(3E488B) contains.

Hex(3E488B)	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(3E488B)

Conversions

Conversions Part 1

Format	Color
Hex	3E488B
RGB	62, 72, 139
RGB Percent	24%, 28%, 55%
CMY	0.7569, 0.7176, 0.4549
CMYK	0.55, 0.48, 0.00, 0.45
HSL	232°, 38%, 39%
HSV	232°, 55%, 55%
XYZ	8.9642, 7.5229, 25.4057
YIQ	76.6480, -27.4670, 18.7170

Conversions

Conversions Part 2

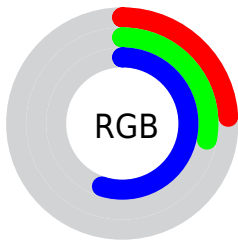
Format	Color
R _{YB}	62, 71, 139
Decimal	4081803
CIE Lab	32.97, 16.52, -38.70
CIE LCh	33, 42.077, 293.119
Yxy	7.5229, 0.2140, 0.1796
Android (android.graphics.Color)	4282271883 (0xFF3E488B)
YUV	76.6480, 30.7395, -12.8463
Hunter-Lab	27.4280, 10.3394, -35.7189

Details

The Hex color **3E488B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B813E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7378C1**, and **001D58** is the 20% darker color. If you saturate the color by 10%, you get **303C8B**, and if you desaturate by 10%, it is **4C548B**.

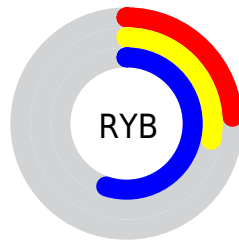
Distribution



Red (24%)

Green (28%)

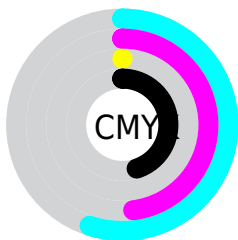
Blue (55%)



Red (24%)

Yellow (28%)

Blue (55%)

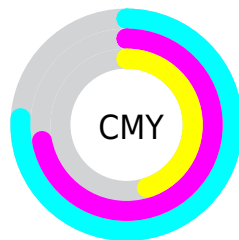


Cyan (55%)

Magenta (48%)

Yellow (0%)

Black (45%)



Cyan (76%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E488B 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 3E488B by changing the saturation by 10% instead.



3E488B



3E488B

FFFFFF



223271



7378C1



001D58



8E92DD



000441



AAACFA



00032A



C6C8FF



000114



E3E4FF



000000



3E488B



3E488B



303C8B



4C548B



22308B



5A608B

■ 14248B

■ 686C8B

■ 06188B

■ 76788B

■ 00128B

■ 84848B

■ 91918B

■ 9F9D8B

■ ADA98B

■ BBB58B

Harmonies

Analogous

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



005490



3E488B



6E3976

Triad

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



3E488B



7C3C18



005C45

Complementary

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



3E488B



8B813E

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.



165A23



3E488B



644900

Square

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



3E488B



882F36



455305



005D67

Rectangle

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



3E488B



803062



455305



005C39

Sweetspot

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



3E488B



969AB5



3E8B81



494C5C



DBDBDB



5C5C5C

Same Dimension

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



3E488B



3E4DB5



5A3E8B



3E3F45



001185



000105

Inverse Universe

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



8B3E48



B53E4D



6F8B3E



453E3F



850011



050001

Previews

White Background



This preview shows how the Hex color 3E488B looks on a white background.

Color Contrast Check

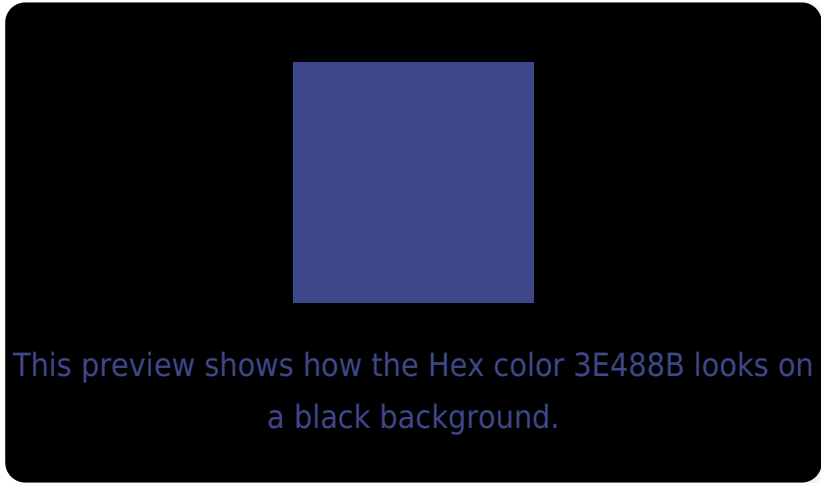
Large Text (above 18pt) WCAG AA ✓ Pass

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

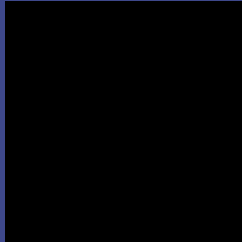
Any Text WCAG AA × Fail

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 3E488B Background



This preview shows how black text looks on a background with the Hex color 3E488B.



This preview shows how white text looks on a background with the Hex color 3E488B.

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](#).

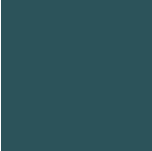
Dichromacy



Original Color
3E488B

Protanopia
2B4B8E

Deuteranopia
164F89



Tritanopia
2C535A

Trichromacy



Original Color
3E488B

Protanomaly
324A8D

Deuteranomaly
254C8A

Tritanomaly
334F6C

Monochromacy



Original Color
3E488B

Achromatopsia
4D4D4D

Achromatomaly
484B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E488B 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 #3E488B looks like.

```
.text, #text, p{  
    color:#3E488B  
}
```

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 #3E488B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E488B
}
```

Border

The CSS property to change the border of an element to Hex 3E488B 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".

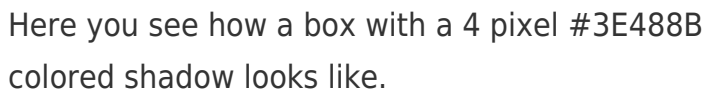
```
.border, #border, table{ border:4px solid
#3E488B }
```

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

```
.border{ border-color:#3E488B }
```

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

Here you see how a box with a 4 pixel #3E488B colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E488B; -webkit-box-shadow:4px 4px  
4px 4px #3E488B; box-shadow:4px 4px 4px  
4px #3E488B }
```

Background

The CSS property to change the background color of an element to Hex 3E488B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E488B }
```

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

```
.background{ background-color:#3E488B }
```

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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