

Converting Colors

Hex(3E3B7F)

Have a look what the booklet for
Hex(3E3B7F) contains.

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Color

Hex(3E3B7F)

Conversions

Conversions Part 1

Format	Color
Hex	3E3B7F
RGB	62, 59, 127
RGB Percent	24%, 23%, 50%
CMY	0.7569, 0.7686, 0.5020
CMYK	0.51, 0.54, 0.00, 0.50
HSL	243°, 37%, 36%
HSV	243°, 54%, 50%
XYZ	7.3813, 5.6844, 20.7868
YIQ	67.6490, -20.0400, 21.7840

Conversions

Conversions Part 2

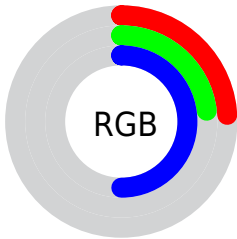
Format	Color
RYB	62, 59, 127
Decimal	4078463
CIELab	28.60, 21.07, -38.26
CIElCh	29, 43.681, 298.844
Yxy	5.6844, 0.2180, 0.1679
Android (android.graphics.Color)	4282268543 (0xFF3E3B7F)
YUV	67.6490, 29.2600, -4.9542
Hunter-Lab	23.8419, 13.5393, -35.0033

Details

The Hex color **3E3B7F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C7F3B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **726AB4**, and **01114D** is the 20% darker color. If you saturate the color by 10%, you get **322E7F**, and if you desaturate by 10%, it is **4A487F**.

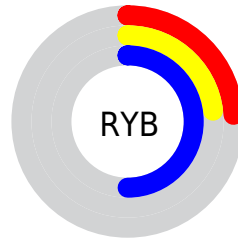
Distribution



Red (24%)

Green (23%)

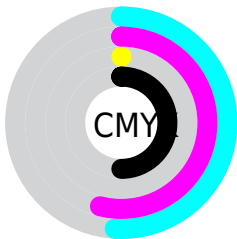
Blue (50%)



Red (24%)

Yellow (23%)

Blue (50%)

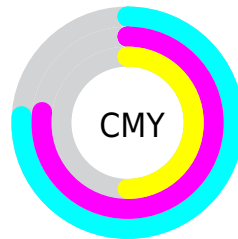


Cyan (51%)

Magenta (54%)

Yellow (0%)

Black (50%)



Cyan (76%)

Magenta (77%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3B7F 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 3E3B7F by changing the saturation by 10% instead.

■ 3E3B7F

■ 3E3B7F

FFFFFF

■ 232566

■ 726AB4

■ 01114D

■ 8D84D0

■ 000036

■ A99EED

■ 000220

■ C5B9FF

■ 000003

■ E1D4FF

■ 000000

■ FEF1FF

■ 3E3B7F

■ 3E3B7F

■ 322E7F

■ 4A487F

■ 26227F

■ 56547F

■ 1A157F

■ 62617F

■ 0D087F

■ 6F6E7F

■ 06007F

■ 7B7B7F

■ 87877F

■ 93947F

■ 9FA17F

■ ABAD7F

Harmonies

Analogous

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



004887



3E3B7F



6A2A67

Triad

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



3E3B7F



6D3405



005241

Complementary

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



3E3B7F



7C7F3B

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.



00501E



3E3B7F



544200

Square

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



3E3B7F



7C2425



324B00



005263

Rectangle

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



3E3B7F



792052



324B00



005235

Sweetspot

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



3E3B7F



8C8BA6



3B7D7F



454454



D4D4D4



545454

Same Dimension

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



3E3B7F



403CA6



5F3B7F



3A3940



060080



000000

Inverse Universe

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



7F3B7C



A63CA1



5B7F3B



40393F



80007A



000000

Previews

White Background



This preview shows how the Hex color 3E3B7F looks on a white background.

Color Contrast Check

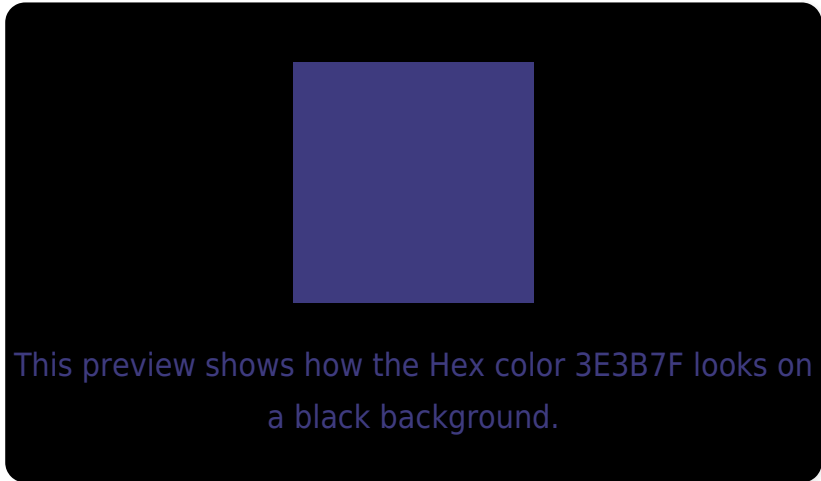
Large Text (above 18pt) WCAG AA ✓ Pass

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

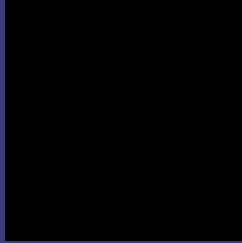
Any Text WCAG AA × Fail

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 3E3B7F Background



This preview shows how black text looks on a background with the Hex color 3E3B7F.



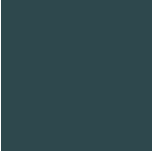
This preview shows how white text looks on a background with the Hex color 3E3B7F.

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
2E484D

Trichromacy



Original Color
3E3B7F

Protanomaly
253F83

Deuteranomaly
17417B

Tritanomaly
34435F

Monochromacy



Original Color
3E3B7F

Achromatopsia
444444

Achromatomaly
424159

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3B7F 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 #3E3B7F looks like.

```
.text, #text, p{  
    color:#3E3B7F  
}
```

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 #3E3B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3B7F
}
```

Border

The CSS property to change the border of an element to Hex 3E3B7F 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
#3E3B7F }
```

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

```
.border{ border-color:#3E3B7F }
```

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

Here you see how a box with a 4 pixel #3E3B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3B7F; -webkit-box-shadow:4px 4px  
4px 4px #3E3B7F; box-shadow:4px 4px 4px  
4px #3E3B7F }
```

Background

The CSS property to change the background color of an element to Hex 3E3B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3B7F }
```

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

```
.background{ background-color:#3E3B7F }
```

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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