

Converting Colors

Hex(3E3B6C)

Have a look what the booklet for
Hex(3E3B6C) contains.

Hex(3E3B6C)	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(3E3B6C)

Conversions

Conversions Part 1

Format	Color
Hex	3E3B6C
RGB	62, 59, 108
RGB Percent	24%, 23%, 42%
CMY	0.7569, 0.7686, 0.5765
CMYK	0.43, 0.45, 0.00, 0.58
HSL	244°, 29%, 33%
HSV	244°, 45%, 42%
XYZ	6.2573, 5.2348, 14.8680
YIQ	65.4830, -13.9410, 15.8750

Conversions

Conversions Part 2

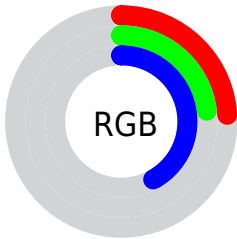
Format	Color
R_{YB}	62, 59, 108
Decimal	4078444
CIE _{Lab}	27.39, 14.85, -28.17
CIE _{LCh}	27, 31.849, 297.797
Yxy	5.2348, 0.2374, 0.1986
Android (android.graphics.Color)	4282268524 (0xFF3E3B6C)
YUV	65.4830, 20.9609, -3.0546
Hunter-Lab	22.8796, 8.7786, -22.5130

Details

The Hex color **3E3B6C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **696C3B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **706AA0**, and **0C113C** is the 20% darker color. If you saturate the color by 10%, you get **34306C**, and if you desaturate by 10%, it is **48466C**.

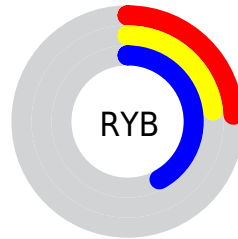
Distribution



Red (24%)

Green (23%)

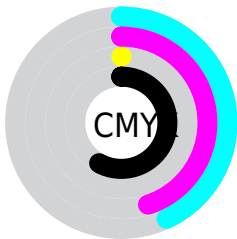
Blue (42%)



Red (24%)

Yellow (23%)

Blue (42%)

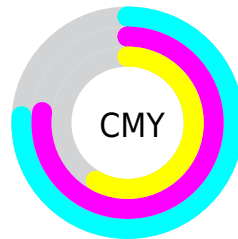


Cyan (43%)

Magenta (45%)

Yellow (0%)

Black (58%)



Cyan (76%)

Magenta (77%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3B6C 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 3E3B6C by changing the saturation by 10% instead.

■ 3E3B6C

■ 3E3B6C

FFFFFF

■ 262553

■ 706AA0

■ 0C113C

■ 8A83BB

■ 000026

■ A59DD7

■ 00010F

■ C1B8F3

■ 000000

■ DDD4FF

■ FAF0FF

■ 3E3B6C

■ 3E3B6C

■ 34306C

■ 48466C

■ 2A256C

■ 52516C

■ 201B6C

■ 5C5B6C

■ 15106C

■ 67666C

■ 0B056C

■ 71716C

■ 07006C

■ 7B7C6C

■ 85876C

■ 8F916C

■ 999C6C

Harmonies

Analogous

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



004471



3E3B6C



5D315B

Triad

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



3E3B6C



623617



004C3E

Complementary

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



3E3B6C



696C3B

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.



154A25



3E3B6C



4F3F0C

Square

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



3E3B6C



6C2D2B



374612



004C57

Rectangle

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



3E3B6C



682C4C



374612



004C36

Sweetspot

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



3E3B6C



7A798C



3B6A6C



3C3B47



C7C7C7



474747

Same Dimension

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



3E3B6C



45418C



563B6C



313036



070075



0F00F5

Inverse Universe

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



6C3B69



8C4188



516C3B



363035



75006E



F500E6

Previews

White Background



This preview shows how the Hex color 3E3B6C looks on a white background.

Color Contrast Check

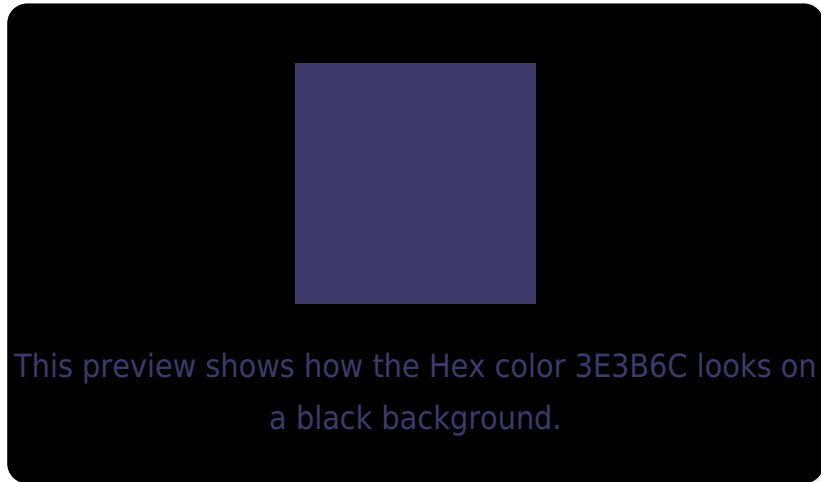
Large Text (above 18pt) WCAG AA ✓ Pass

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

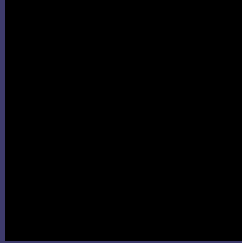
Any Text WCAG AA × Fail

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 3E3B6C Background



This preview shows how black text looks on a background with the Hex color 3E3B6C.



This preview shows how white text looks on a background with the Hex color 3E3B6C.

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](#).

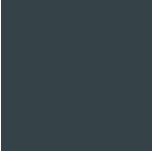
Dichromacy



Original Color
3E3B6C

Protanopia
2B3F70

Deuteranopia
26416B



Tritanopia
354348

Trichromacy



Original Color
3E3B6C

Protanomaly
323E6F

Deuteranomaly
2F3F6B

Tritanomaly
384055

Monochromacy



Original Color
3E3B6C

Achromatopsia
414141

Achromatomaly
403F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3B6C 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 #3E3B6C looks like.

```
.text, #text, p{  
    color:#3E3B6C  
}
```

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 #3E3B6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3B6C
}
```

Border

The CSS property to change the border of an element to Hex 3E3B6C 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".

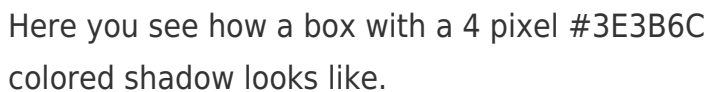
```
.border, #border, table{ border:4px solid
#3E3B6C }
```

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

```
.border{ border-color:#3E3B6C }
```

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

Here you see how a box with a 4 pixel #3E3B6C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3B6C; -webkit-box-shadow:4px 4px  
4px 4px #3E3B6C; box-shadow:4px 4px 4px  
4px #3E3B6C }
```

Background

The CSS property to change the background color of an element to Hex 3E3B6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3B6C }
```

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

```
.background{ background-color:#3E3B6C }
```

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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awesome pro features!

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