

# Converting Colors

Hex(3E3A6B)

Have a look what the booklet for  
Hex(3E3A6B) contains.

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# Color

Hex(3E3A6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E3A6B
RGB	62, 58, 107
RGB Percent	24%, 23%, 42%
CMY	0.7569, 0.7725, 0.5804
CMYK	0.42, 0.46, 0.00, 0.58
HSL	245°, 30%, 32%
HSV	245°, 46%, 42%
XYZ	6.1535, 5.1118, 14.5723
YIQ	64.7820, -13.3450, 16.0870

# Conversions

## Conversions Part 2

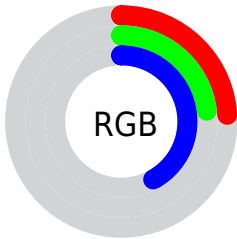
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 58, 107
Decimal	4078187
CIE <sub>Lab</sub>	27.05, 15.21, -28.08
CIE <sub>LCh</sub>	27, 31.930, 298.439
Yxy	5.1118, 0.2382, 0.1978
Android (android.graphics.Color)	4282268267 (0xFF3E3A6B)
YUV	64.7820, 20.8135, -2.4398
Hunter-Lab	22.6093, 9.0157, -22.3875

# Details

The Hex color **3E3A6B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **676B3A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **70699F**, and **0D103B** is the 20% darker color. If you saturate the color by 10%, you get **342F6B**, and if you desaturate by 10%, it is **48456B**.

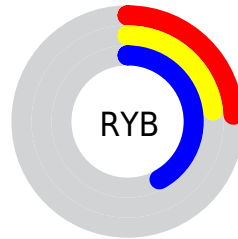
# Distribution



Red (24%)

Green (23%)

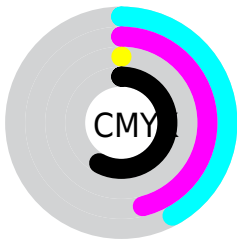
Blue (42%)



Red (24%)

Yellow (23%)

Blue (42%)

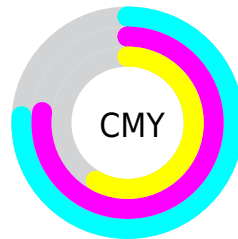


Cyan (42%)

Magenta (46%)

Yellow (0%)

Black (58%)



Cyan (76%)

Magenta (77%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E3A6B 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 3E3A6B by changing the saturation by 10% instead.





3E3A6B



3E3A6B

FFFFFF



262453



70699F



0D103B



8A82BA



000025



A59CD6



00010E



C0B7F2



000000



DDD3FF



F9EFFF



3E3A6B



3E3A6B



342F6B



48456B

■ 2A256B

■ 524F6B

■ 211A6B

■ 5B5A6B

■ 170F6B

■ 65656B

■ 0D056B

■ 6F706B

■ 09006B

■ 797A6B

■ 83856B

■ 8D906B

■ 969A6B

# Harmonies

## Analogous

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



004371



3E3A6B



5C305A

# Triad

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



3E3A6B



613516



004C3E

# Complementary

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



3E3A6B



676B3A

# 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.



134A25



3E3A6B



4E3E0B

# Square

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



3E3A6B



6B2C2A



364511



004B56

# Rectangle

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



3E3A6B



682B4A



364511



004B35



# Sweetspot

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



3E3A6B



7A798C



3A686B



3C3B47



C7C7C7



474747



# Same Dimension

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



3E3A6B



453F8C



563A6B



313036



0A0075



1400F5



# Inverse Universe

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



6B3A67



8C3F86



4F6B3A



363035



75006C



F500E1



# Previews

## White Background



This preview shows how the Hex color 3E3A6B looks on a white background.

## Color Contrast Check

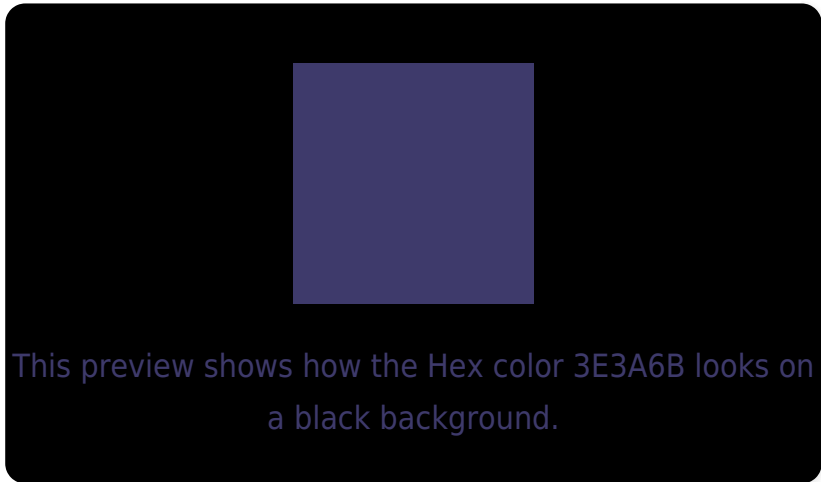
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E3A6B Background



This preview shows how black text looks on a background with the Hex color 3E3A6B.



This preview shows how white text looks on a background with the Hex color 3E3A6B.

# 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**  
3E3A6B

**Protanopia**  
2A3E6F

**Deuteranopia**  
25406A



**Tritanopia**  
354247

# Trichromacy



**Original Color**  
3E3A6B

**Protanomaly**  
313D6E

**Deuteranomaly**  
2E3E6A

**Tritanomaly**  
383F54

# Monochromacy



**Original Color**  
3E3A6B

**Achromatopsia**  
414141

**Achromatomaly**  
403E50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E3A6B 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 #3E3A6B looks like.

```
.text, #text, p{  
    color:#3E3A6B  
}
```

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 #3E3A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3A6B
}
```

## Border

The CSS property to change the border of an element to Hex 3E3A6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

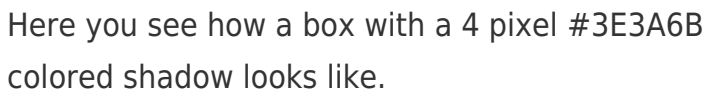
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3A6B }
```

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

```
.border{ border-color:#3E3A6B }
```

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



Here you see how a box with a 4 pixel #3E3A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3A6B; -webkit-box-shadow:4px 4px  
4px 4px #3E3A6B; box-shadow:4px 4px 4px  
4px #3E3A6B }
```

# Background

The CSS property to change the background color of an element to Hex 3E3A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3A6B }
```

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

```
.background{ background-color:#3E3A6B }
```

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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