

# Converting Colors

Hex(3E3E5B)

Have a look what the booklet for  
Hex(3E3E5B) contains.

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# Color

Hex(3E3E5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E3E5B
RGB	62, 62, 91
RGB Percent	24%, 24%, 36%
CMY	0.7569, 0.7569, 0.6431
CMYK	0.32, 0.32, 0.00, 0.64
HSL	240°, 19%, 30%
HSV	240°, 32%, 36%
XYZ	5.5976, 5.2247, 10.6110
YIQ	65.3060, -9.3090, 9.0190

# Conversions

## Conversions Part 2

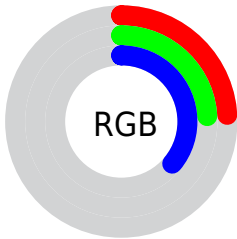
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 62, 91
Decimal	4079195
CIELab	27.37, 7.61, -17.27
CIElCh	27, 18.871, 293.785
Yxy	5.2247, 0.2612, 0.2438
Android (android.graphics.Color)	4282269275 (0xFF3E3E5B)
YUV	65.3060, 12.6671, -2.8994
Hunter-Lab	22.8576, 3.7116, -11.5233

# Details

The Hex color **3E3E5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B5B3E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6E6D8D**, and **12142D** is the 20% darker color. If you saturate the color by 10%, you get **35355B**, and if you desaturate by 10%, it is **47475B**.

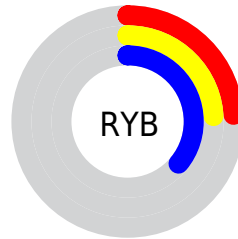
# Distribution



Red (24%)

Green (24%)

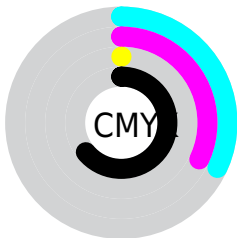
Blue (36%)



Red (24%)

Yellow (24%)

Blue (36%)

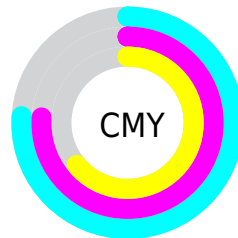


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (64%)



Cyan (76%)

Magenta (76%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E3E5B 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 3E3E5B by changing the saturation by 10% instead.





3E3E5B



3E3E5B

FFFFFF



272843



6E6D8D



12142D



8887A8



000118



A2A1C3



000000



BEBCDF



DAD8FC



F6F4FF



3E3E5B



3E3E5B



35355B



47475B

■ 2C2C5B

■ 50505B

■ 23235B

■ 59595B

■ 1A1A5B

■ 62625B

■ 11115B

■ 6C6C5B

■ 07075B

■ 75755B

■ 00005B

■ 7E7E5B

■ 87875B

■ 90905B

# Harmonies

## Analogous

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



27435D



3E3E5B



503952

# Triad

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



3E3E5B



583A2A



1B483D

# Complementary

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



3E3E5B



5B5B3E

# 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.



2E472F



3E3E5B



4D3F24

# Square

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



3E3E5B



5D3636



3E4326



07484C

# Rectangle

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



3E3E5B



583649



3E4326



214838



# Sweetspot

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



3E3E5B



6A6A75



3E5B5B



34343B



BABABA



3B3B3B



# Same Dimension

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



3E3E5B



494975



4D3E5B



29292E



00006E



0000ED



# Inverse Universe

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



5B3E5B



754975



4D5B3E



2E292E



6E006E

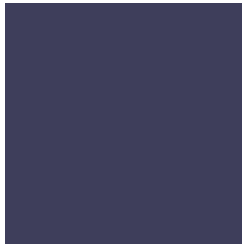


ED00ED



# Previews

## White Background



This preview shows how the Hex color 3E3E5B looks on a white background.

## Color Contrast Check

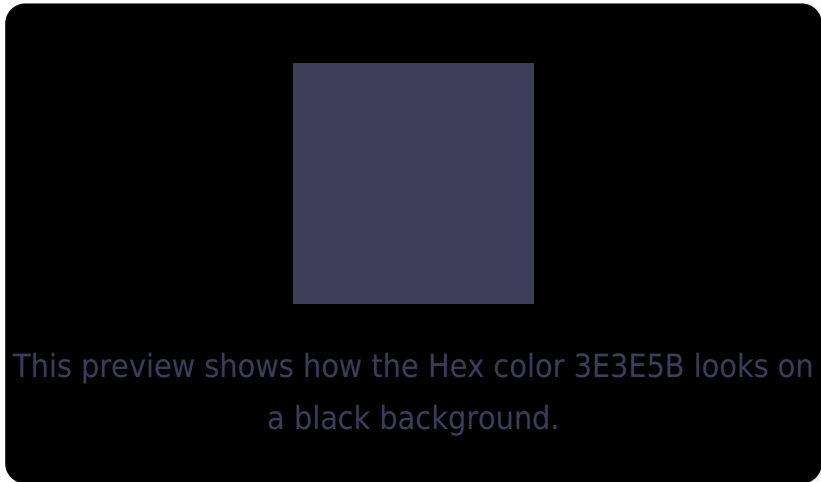
Large Text (above 18pt) WCAG AA ✓ Pass

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

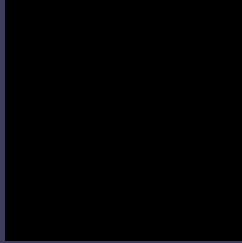
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E3E5B Background



This preview shows how black text looks on a background with the Hex color 3E3E5B.

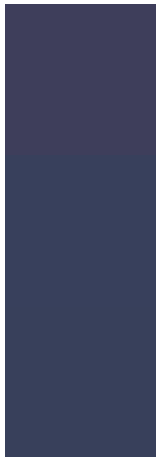


This preview shows how white text looks on a background with the Hex color 3E3E5B.

# 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**  
3E3E5B

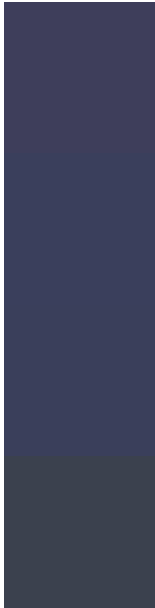
**Protanopia**  
38405C

**Deuteranopia**  
38405B



**Tritanopia**  
3A4247

# Trichromacy



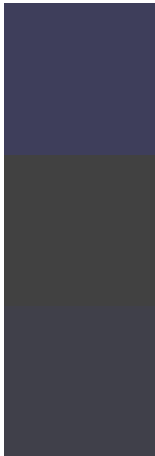
**Original Color**  
3E3E5B

**Protanomaly**  
3A3F5C

**Deuteranomaly**  
3A3F5B

**Tritanomaly**  
3B414E

# Monochromacy



**Original Color**  
3E3E5B

**Achromatopsia**  
414141

**Achromatomaly**  
40404A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E3E5B 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 #3E3E5B looks like.

```
.text, #text, p{  
    color:#3E3E5B  
}
```

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 #3E3E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3E5B
}
```

## Border

The CSS property to change the border of an element to Hex 3E3E5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

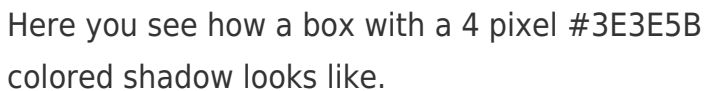
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3E5B }
```

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

```
.border{ border-color:#3E3E5B }
```

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



Here you see how a box with a 4 pixel #3E3E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3E5B; -webkit-box-shadow:4px 4px  
4px 4px #3E3E5B; box-shadow:4px 4px 4px  
4px #3E3E5B }
```

# Background

The CSS property to change the background color of an element to Hex 3E3E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3E5B }
```

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

```
.background{ background-color:#3E3E5B }
```

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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