

# Converting Colors

Hex(3E3E44)

Have a look what the booklet for  
Hex(3E3E44) contains.

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# Color

Hex(3E3E44)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E3E44
RGB	62, 62, 68
RGB Percent	24%, 24%, 27%
CMY	0.7569, 0.7569, 0.7333
CMYK	0.09, 0.09, 0.00, 0.73
HSL	240°, 5%, 25%
HSV	240°, 9%, 27%
XYZ	4.7526, 4.8867, 6.1616
YIQ	62.6840, -1.9260, 1.8660

# Conversions

## Conversions Part 2

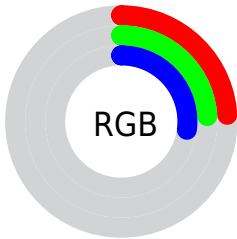
Format	Color
<a href="#">RYB</a>	<a href="#">62, 62, 68</a>
Decimal	<a href="#">4079172</a>
CIELab	<a href="#">26.41, 1.40, -3.66</a>
CIELCh	<a href="#">26, 3.925, 290.977</a>
Yxy	<a href="#">4.8867, 0.3008, 0.3093</a>
Android (android.graphics.Color)	<a href="#">4282269252 (0xFF3E3E44)</a>
YUV	<a href="#">62.6840, 2.6208, -0.5999</a>
Hunter-Lab	<a href="#">22.1060, -0.3093, -1.0517</a>

# Details

The Hex color **3E3E44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44443E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6D6D74**, and **141419** is the 20% darker color. If you saturate the color by 10%, you get **373744**, and if you desaturate by 10%, it is **454544**.

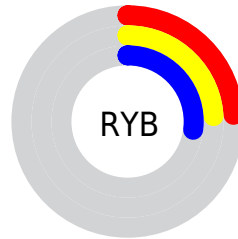
# Distribution



 Red (24%)

 Green (24%)

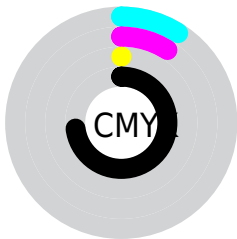
 Blue (27%)



 Red (24%)

 Yellow (24%)

 Blue (27%)

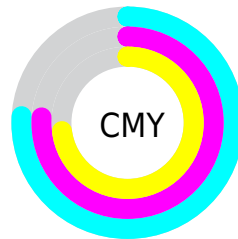


 Cyan (9%)

 Magenta (9%)

 Yellow (0%)

 Black (73%)



 Cyan (76%)

 Magenta (76%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E3E44 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 3E3E44 by changing the saturation by 10% instead.





3E3E44



3E3E44

FFFFFF



28282E



6D6D74



141419



87878E



000000



A1A1A8



BCBCC3



D8D8DF



F4F4FC



3E3E44



3E3E44



373744



454544

■ 303044

■ 4C4C44

■ 2A2A44

■ 525244

■ 232344

■ 595944

■ 1C1C44

■ 606044

■ 151544

■ 676744

■ 0E0E44

■ 6E6E44

■ 080844

■ 747444

■ 010144

■ 7B7B44

# Harmonies

## Analogous

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



3A3F44



3E3E44



423D42

# Triad

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



3E3E44



443D3A



38403D

# Complementary

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



3E3E44



44443E

# 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.



3B403B



3E3E44



423E39

# Square

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



3E3E44



453D3C



3F3F39



374040

# Rectangle

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



3E3E44



433D40



3F3F39



39403C



# Sweetspot

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



3E3E44



575759



3E4444



2C2C2E



ADADAD



2E2E2E



# Same Dimension

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



3E3E44



4F4F59



413E44



1E1E21



000061



0000E0



# Inverse Universe

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



443E44



594F59



41443E



211E21



610061

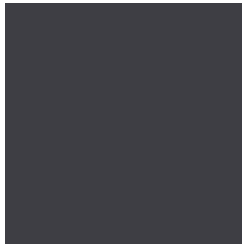


E000E0



# Previews

## White Background



This preview shows how the Hex color 3E3E44 looks on a white background.

## Color Contrast Check

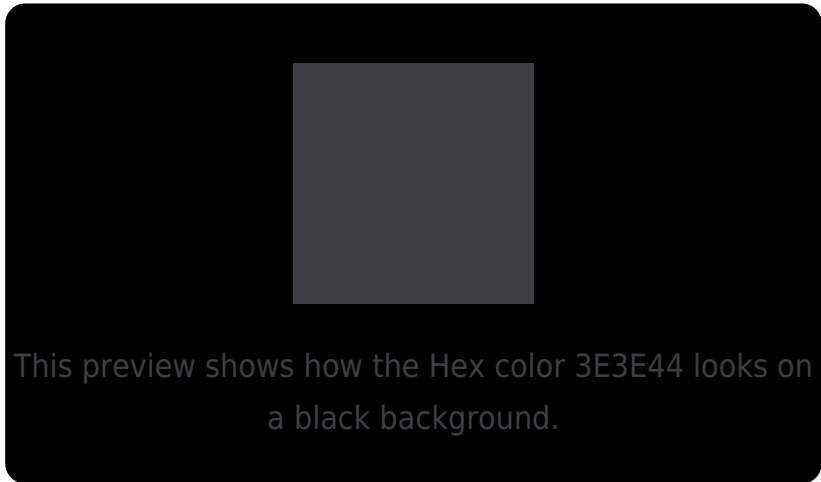
Large Text (above 18pt) WCAG AA ✓ Pass

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

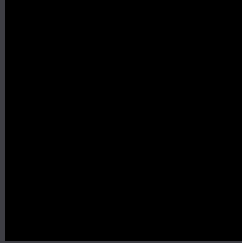
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

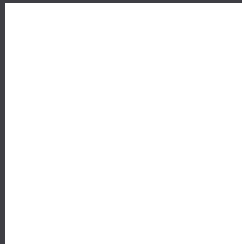
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E3E44 Background



This preview shows how black text looks on a background with the Hex color 3E3E44.



This preview shows how white text looks on a background with the Hex color 3E3E44.

# 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**  
3E3E44

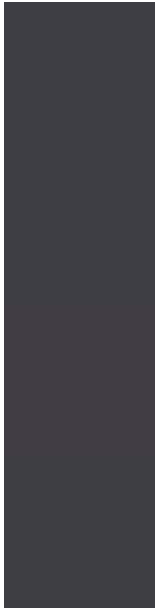
**Protanopia**  
3E3E44

**Deuteranopia**  
423D44



**Tritanopia**  
3E3E43

# Trichromacy



**Original Color**

3E3E44

**Protanomaly**

3E3E44

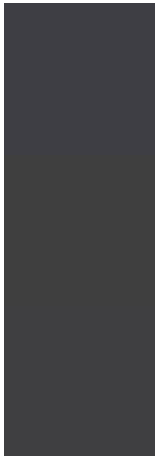
**Deuteranomaly**

413D44

**Tritanomaly**

3E3E43

# Monochromacy



**Original Color**

3E3E44

**Achromatopsia**

3F3F3F

**Achromatomaly**

3F3F41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E3E44 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 #3E3E44 looks like.

```
.text, #text, p{  
    color:#3E3E44  
}
```

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 #3E3E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3E44  
}
```

## Border

The CSS property to change the border of an element to Hex 3E3E44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

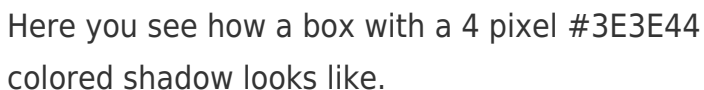
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3E3E44 }
```

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

```
.border{ border-color:#3E3E44 }
```

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



Here you see how a box with a 4 pixel #3E3E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3E44; -webkit-box-shadow:4px 4px  
4px 4px #3E3E44; box-shadow:4px 4px 4px  
4px #3E3E44 }
```

# Background

The CSS property to change the background color of an element to Hex 3E3E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3E44 }
```

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

```
.background{ background-color:#3E3E44 }
```

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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