

# Converting Colors

Hex(3E3E26)

Have a look what the booklet for  
Hex(3E3E26) contains.

<b>Hex(3E3E26)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3E3E26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E3E26
RGB	62, 62, 38
RGB Percent	24%, 24%, 15%
CMY	0.7569, 0.7569, 0.8510
CMYK	0.00, 0.00, 0.39, 0.76
HSL	60°, 24%, 20%
HSV	60°, 39%, 24%
XYZ	4.0591, 4.6093, 2.5095
YIQ	59.2640, 7.7040, -7.4640

# Conversions

## Conversions Part 2

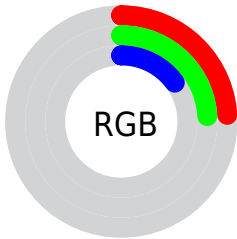
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 62, 38
Decimal	4079142
CIE Lab	25.59, -4.50, 14.79
CIE LCh	26, 15.463, 106.932
Yxy	4.6093, 0.3631, 0.4124
Android (android.graphics.Color)	4282269222 (0xFF3E3E26)
YUV	59.2640, -10.4832, 2.3995
Hunter-Lab	21.4693, -3.8234, 8.0983

# Details

The Hex color **3E3E26** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26263E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6E6D53**, and **121400** is the 20% darker color. If you saturate the color by 10%, you get **3E3E20**, and if you desaturate by 10%, it is **3E3E2C**.

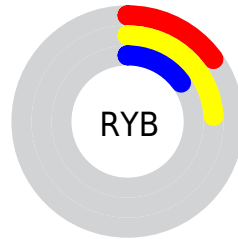
# Distribution



Red (24%)

Green (24%)

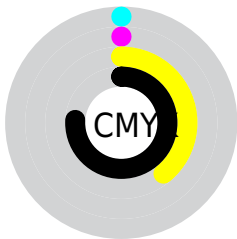
Blue (15%)



Red (15%)

Yellow (24%)

Blue (15%)

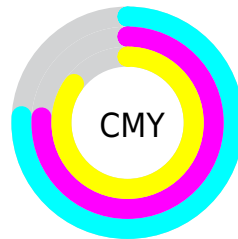


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E3E26 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 3E3E26 by changing the saturation by 10% instead.





3E3E26



3E3E26

FFFFFFF



282811



6E6D53



121400



88876B



000000



A2A185



BDBC9F



D9D8BA



F5F4D6



FFFFFF2



3E3E26



3E3E26

■ 3E3E20

■ 3E3E2C

■ 3E3E1A

■ 3E3E32

■ 3E3E13

■ 3E3E39

■ 3E3E0D

■ 3E3E3F

■ 3E3E07

■ 3E3E45

■ 3E3E01

■ 3E3E4B

■ 3E3E00

■ 3E3E51

■ 3E3E58

■ 3E3E5E

# Harmonies

## Analogous

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



493A26



3E3E26



31412C

# Triad

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



3E3E26



17424D



503442

# Complementary

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



3E3E26



26263E

# 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.



46374D



3E3E26



253F53

# Square

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



3E3E26



174343



373B53



543436

# Rectangle

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



3E3E26



274233



373B53



4E3546



# Sweetspot

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



3E3E26



525248



3E2626



292923



A8A8A8



292929



# Same Dimension

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



3E3E26



52522C



323E26



1F1F1C



5E5E00



DEDE00



# Inverse Universe

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



26263E



2C2C52



32263E



1C1C1F



00005E



0000DE



# Previews

## White Background



This preview shows how the Hex color 3E3E26 looks on a white background.

## Color Contrast Check

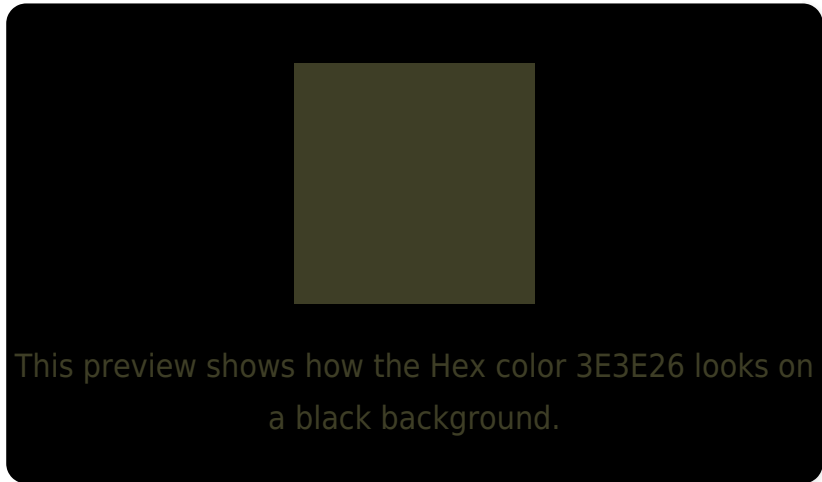
Large Text (above 18pt) WCAG AA ✓ Pass

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

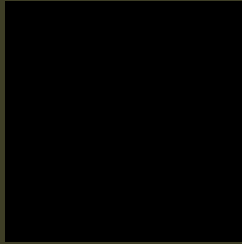
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E3E26 Background



This preview shows how black text looks on a background with the Hex color 3E3E26.

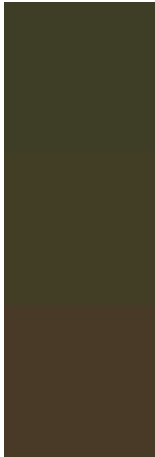


This preview shows how white text looks on a background with the Hex color 3E3E26.

# 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**  
3E3E26

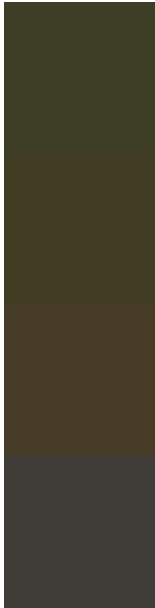
**Protanopia**  
423D25

**Deuteranopia**  
493A27



**Tritanopia**  
413B40

# Trichromacy



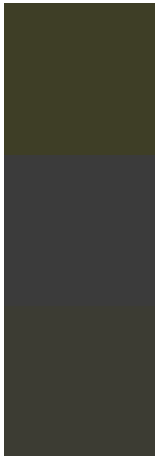
**Original Color**  
3E3E26

**Protanomaly**  
413D25

**Deuteranomaly**  
453B27

**Tritanomaly**  
403C37

# Monochromacy



**Original Color**  
3E3E26

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3C3C33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E3E26 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 #3E3E26 looks like.

```
.text, #text, p{  
    color:#3E3E26  
}
```

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 #3E3E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3E26
}
```

## Border

The CSS property to change the border of an element to Hex 3E3E26 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".

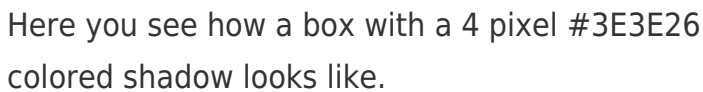
```
.border, #border, table{ border:4px solid
#3E3E26 }
```

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

```
.border{ border-color:#3E3E26 }
```

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

Here you see how a box with a 4 pixel #3E3E26 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3E26; -webkit-box-shadow:4px 4px  
4px 4px #3E3E26; box-shadow:4px 4px 4px  
4px #3E3E26 }
```

# Background

The CSS property to change the background color of an element to Hex 3E3E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3E26 }
```

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

```
.background{ background-color:#3E3E26 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor