

Converting Colors

Hex(333E2C)

Have a look what the booklet for
Hex(333E2C) contains.

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Color

Hex(333E2C)

Conversions

Conversions Part 1

Format	Color
Hex	333E2C
RGB	51, 62, 44
RGB Percent	20%, 24%, 17%
CMY	0.8000, 0.7569, 0.8275
CMYK	0.18, 0.00, 0.29, 0.76
HSL	97°, 17%, 21%
HSV	97°, 29%, 24%
XYZ	3.5425, 4.3309, 3.0321
YIQ	56.6590, -0.7780, -7.9300

Conversions

Conversions Part 2

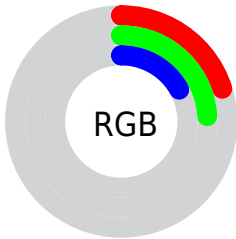
Format	Color
R_{YB}	44, 62, 55
Decimal	3358252
CIE Lab	24.74, -8.57, 9.61
CIE LCh	25, 12.881, 131.720
Yxy	4.3309, 0.3248, 0.3971
Android (android.graphics.Color)	4281548332 (0xFF333E2C)
YUV	56.6590, -6.2409, -4.9629
Hunter-Lab	20.8108, -6.0341, 5.9291

Details

The Hex color **333E2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **372C3E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **626E5A**, and **041400** is the 20% darker color. If you saturate the color by 10%, you get **2F3E26**, and if you desaturate by 10%, it is **373E32**.

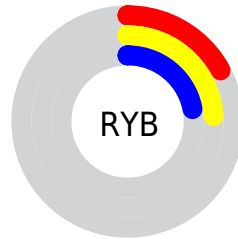
Distribution



Red (20%)

Green (24%)

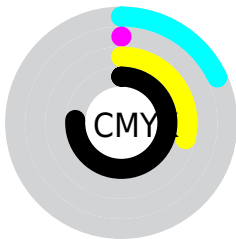
Blue (17%)



Red (17%)

Yellow (24%)

Blue (22%)

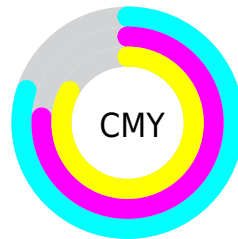


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333E2C 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 333E2C by changing the saturation by 10% instead.



333E2C



333E2C

FFFFFF



1E2817



626E5A



041400



7B8772



000000



94A18C



AFBCA6



CAD8C1



E7F4DD



FFFFFFA



333E2C



333E2C

■ 2F3E26

■ 373E32

■ 2B3E20

■ 3B3E38

■ 283E19

■ 3E3E3F

■ 243E13

■ 423E45

■ 203E0D

■ 463E4B

■ 1C3E07

■ 4A3E51

■ 183E01

■ 4E3E57

■ 183E00

■ 513E5E

■ 553E64

Harmonies

Analogous

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



3E3B28



333E2C



284034

Triad

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



333E2C



263D4D



4E3437

Complementary

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



333E2C



372C3E

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.



4A3441



333E2C



343A4E

Square

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



333E2C



1E3F47



413749



4D352E

Rectangle

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



333E2C



22403B



413749



4E343B

Sweetspot

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



333E2C



4D524A



3E372C



262924



A8A8A8



292929

Same Dimension

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



333E2C



405235



2C3E2E



1D1F1C



255E00



56DE00

Inverse Universe

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



372C3E



463552



3E2C3C



1D1C1F



3A005E



8800DE

Previews

White Background



This preview shows how the Hex color 333E2C looks on a white background.

Color Contrast Check

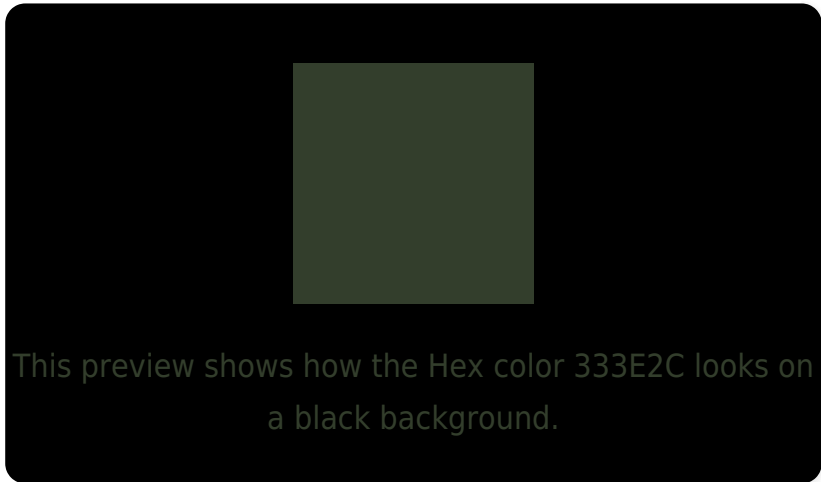
Large Text (above 18pt) WCAG AA ✓ Pass

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

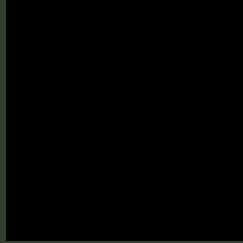
Any Text WCAG AA × Fail

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 333E2C Background



This preview shows how black text looks on a background with the Hex color 333E2C.

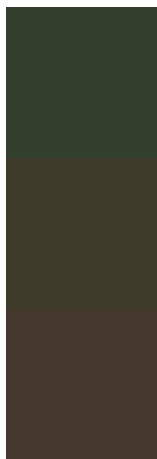


This preview shows how white text looks on a background with the Hex color 333E2C.

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](#).

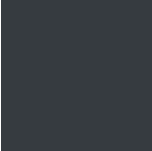
Dichromacy



Original Color
333E2C

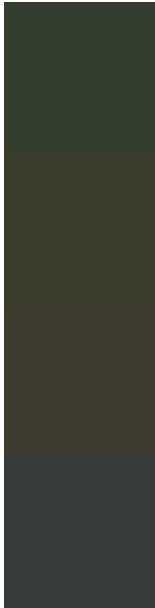
Protanopia
3F3B2A

Deuteranopia
45382D



Tritanopia
363B40

Trichromacy



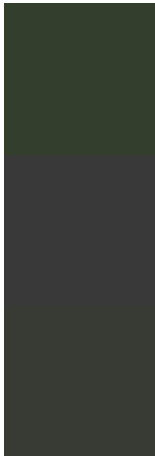
Original Color
333E2C

Protanomaly
3B3C2B

Deuteranomaly
3E3A2D

Tritanomaly
353C39

Monochromacy



Original Color
333E2C

Achromatopsia
393939

Achromatomaly
373B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 333E2C 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 #333E2C looks like.

```
.text, #text, p{  
    color:#333E2C  
}
```

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 #333E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333E2C
}
```

Border

The CSS property to change the border of an element to Hex 333E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

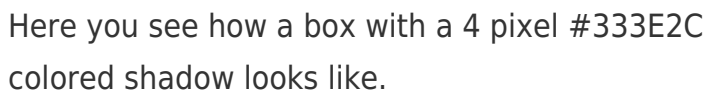
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333E2C }
```

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

```
.border{ border-color:#333E2C }
```

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



Here you see how a box with a 4 pixel `#333E2C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333E2C; -webkit-box-shadow:4px 4px  
4px 4px #333E2C; box-shadow:4px 4px 4px  
4px #333E2C }
```

Background

The CSS property to change the background color of an element to Hex 333E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333E2C }
```

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

```
.background{ background-color:#333E2C }
```

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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