

Converting Colors

Hex(332E1A)

Have a look what the booklet for
Hex(332E1A) contains.

Hex(332E1A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(332E1A)

Conversions

Conversions Part 1

Format	Color
Hex	332E1A
RGB	51, 46, 26
RGB Percent	20%, 18%, 10%
CMY	0.8000, 0.8196, 0.8980
CMYK	0.00, 0.10, 0.49, 0.80
HSL	48°, 32%, 15%
HSV	48°, 49%, 20%
XYZ	2.5287, 2.7324, 1.3714
YIQ	45.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

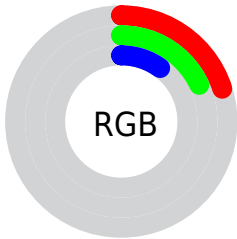
Format	Color
RYB	32, 51, 26
Decimal	3354138
CIELab	18.94, -1.33, 13.71
CIELCh	19, 13.770, 95.555
Yxy	2.7324, 0.3813, 0.4120
Android (android.graphics.Color)	4281544218 (0xFF332E1A)
YUV	45.2150, -9.4730, 5.0734
Hunter-Lab	16.5299, -1.6210, 6.6519

Details

The Hex color **332E1A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A1F33**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **625C45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **332D15**, and if you desaturate by 10%, it is **332F1F**.

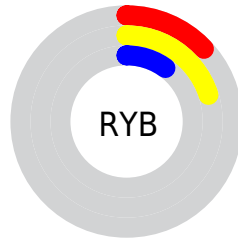
Distribution



Red (20%)

Green (18%)

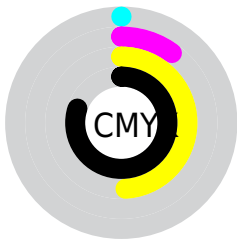
Blue (10%)



Red (13%)

Yellow (20%)

Blue (10%)

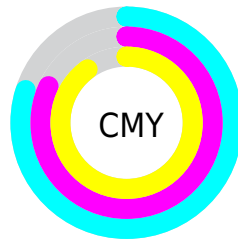


Cyan (0%)

Magenta (10%)

Yellow (49%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332E1A 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 332E1A by changing the saturation by 10% instead.



332E1A



332E1A

FFFFFFE



1F1900



625C45



000000



7B745D



958E76



B0A890



CBC3AA



E8DFC5



FFFCE1



332E1A



332E1A

■ 332D15

■ 332F1F

■ 332C10

■ 333024

■ 332B0B

■ 333129

■ 332A06

■ 33322E

■ 332900

■ 333334

■ 333439

■ 33353E

■ 333643

■ 333748

Harmonies

Analogous

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



3C2B1C



332E1A



28311D

Triad

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



332E1A



0A3339



3C2836

Complementary

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



332E1A



1A1F33

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.



322B3E



332E1A



143140

Square

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



332E1A



103330



232E42



41262C

Rectangle

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



332E1A



203222



232E42



392939

Sweetspot

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



332E1A



424038



331A1F



21201B



A1A1A1



212121

Same Dimension

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



332E1A



423A1B



2C331A



1A1917



594700



D9AD00

Inverse Universe

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



1A1F33



1B2342



211A33



17171A



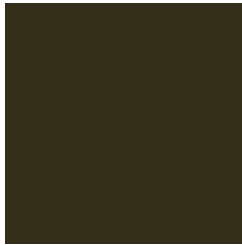
001259



002BD9

Previews

White Background



This preview shows how the Hex color 332E1A looks on a white background.

Color Contrast Check

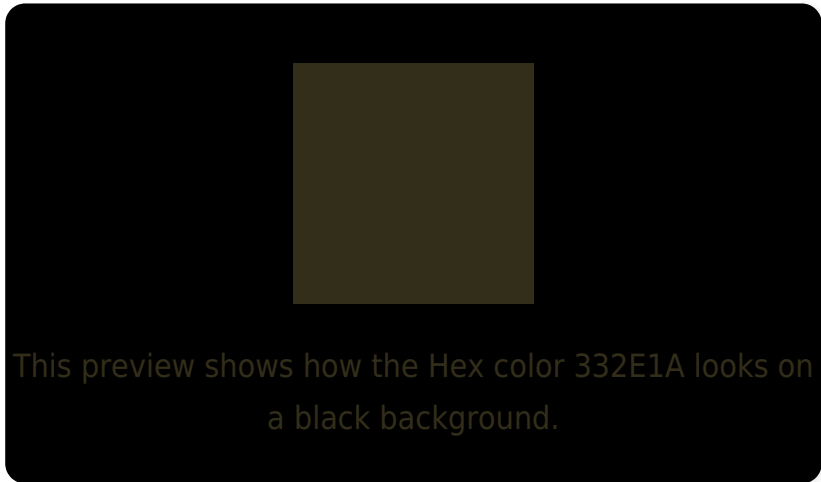
Large Text (above 18pt) WCAG AA ✓ Pass

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

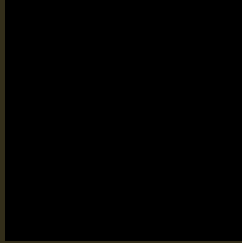
Any Text WCAG AA × Fail

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 332E1A Background



This preview shows how black text looks on a background with the Hex color 332E1A.

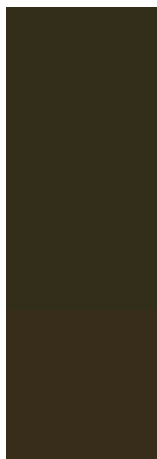


This preview shows how white text looks on a background with the Hex color 332E1A.

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
332E1A

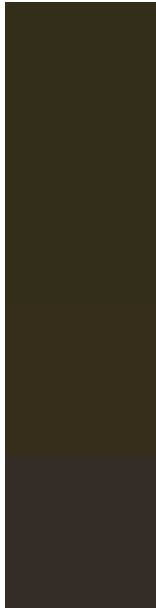
Protanopia
332E1A

Deuteranopia
382C1A



Tritanopia
352C2F

Trichromacy



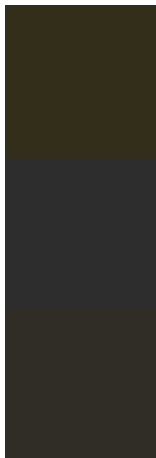
Original Color
332E1A

Protanomaly
332E1A

Deuteranomaly
362D1A

Tritanomaly
342D27

Monochromacy



Original Color
332E1A

Achromatopsia
2D2D2D

Achromatomaly
2F2D26

CSS Examples

Text

The CSS property to change the color of the text to Hex 332E1A 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 #332E1A looks like.

```
.text, #text, p{  
    color:#332E1A  
}
```

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 #332E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332E1A
}
```

Border

The CSS property to change the border of an element to Hex 332E1A 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".

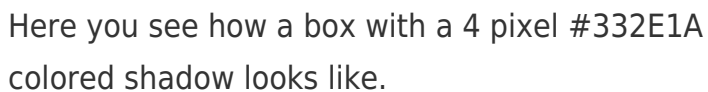
```
.border, #border, table{ border:4px solid
#332E1A }
```

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

```
.border{ border-color:#332E1A }
```

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

Here you see how a box with a 4 pixel #332E1A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332E1A; -webkit-box-shadow:4px 4px  
4px 4px #332E1A; box-shadow:4px 4px 4px  
4px #332E1A }
```

Background

The CSS property to change the background color of an element to Hex 332E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332E1A }
```

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

```
.background{ background-color:#332E1A }
```

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