

Converting Colors

Hex(332D28)

Have a look what the booklet for
Hex(332D28) contains.

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Color

Hex(332D28)

Conversions

Conversions Part 1

Format	Color
Hex	332D28
RGB	51, 45, 40
RGB Percent	20%, 18%, 16%
CMY	0.8000, 0.8235, 0.8431
CMYK	0.00, 0.12, 0.22, 0.80
HSL	27°, 12%, 18%
HSV	27°, 22%, 20%
XYZ	2.6866, 2.7338, 2.3936
YIQ	46.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

Format	Color
RYB	51, 49, 40
Decimal	3353896
CIELab	18.94, 1.69, 4.22
CIELCh	19, 4.547, 68.232
Yxy	2.7338, 0.3438, 0.3499
Android (android.graphics.Color)	4281543976 (0xFF332D28)
YUV	46.2240, -3.0684, 4.1886
Hunter-Lab	16.5341, 0.0697, 2.9908

Details

The Hex color **332D28** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282E33**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **615B55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **332A23**, and if you desaturate by 10%, it is **33302D**.

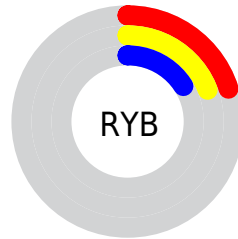
Distribution



Red (20%)

Green (18%)

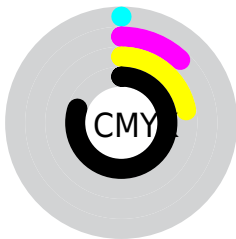
Blue (16%)



Red (20%)

Yellow (19%)

Blue (16%)

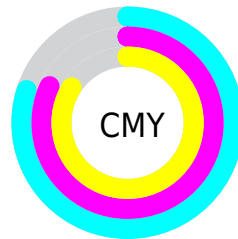


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332D28 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 332D28 by changing the saturation by 10% instead.



332D28



332D28

FFFFFF



1E1814



615B55



000000



7A736D



948D87



AFA7A1



CAC2BC



E6DED7



FFFBF4



332D28



332D28

■ 332A23

■ 33302D

■ 33271E

■ 333332

■ 332519

■ 333537

■ 332214

■ 33383C

■ 331F0E

■ 333B42

■ 331C09

■ 333E47

■ 331A04

■ 33404C

■ 331700

■ 334351

■ 334656

Harmonies

Analogous

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



352C2A



332D28



302E28

Triad

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



332D28



26302F



302D33

Complementary

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



332D28



282E33

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.



2C2E34



332D28



263032

Square

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



332D28



28302B



282F34



332C31

Rectangle

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



332D28



2D2F28



282F34



2E2D34

Sweetspot

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



332D28



42403E



33282E



21201F



A1A1A1



212121

Same Dimension

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



332D28



423931



333228



1A1817



592900



D96300

Inverse Universe

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



282E33



313A42



282933



17181A



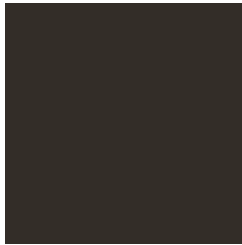
003159



0076D9

Previews

White Background



This preview shows how the Hex color 332D28 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

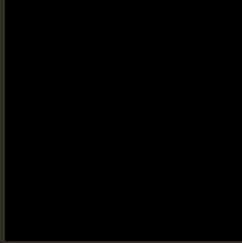
Any Text WCAG AA × Fail

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 332D28 Background



This preview shows how black text looks on a background with the Hex color 332D28.

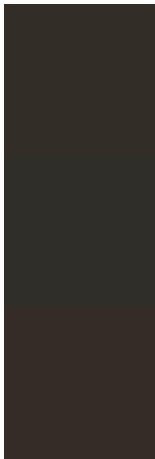


This preview shows how white text looks on a background with the Hex color 332D28.

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
332D28

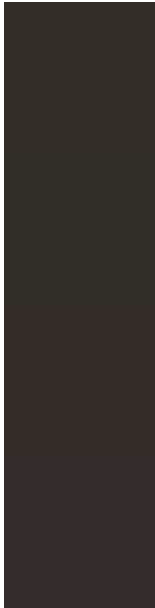
Protanopia
302E28

Deuteranopia
352C28



Tritanopia
342C2F

Trichromacy



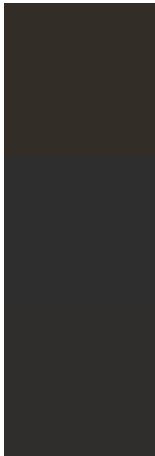
Original Color
332D28

Protanomaly
312E28

Deuteranomaly
342C28

Tritanomaly
342C2C

Monochromacy



Original Color
332D28

Achromatopsia
2E2E2E

Achromatomaly
302E2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 332D28 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 #332D28 looks like.

```
.text, #text, p{  
    color:#332D28  
}
```

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 #332D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332D28
}
```

Border

The CSS property to change the border of an element to Hex 332D28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

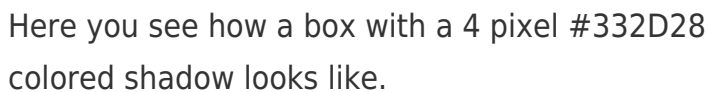
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332D28 }
```

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

```
.border{ border-color:#332D28 }
```

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



Here you see how a box with a 4 pixel #332D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332D28; -webkit-box-shadow:4px 4px  
4px 4px #332D28; box-shadow:4px 4px 4px  
4px #332D28 }
```

Background

The CSS property to change the background color of an element to Hex 332D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332D28 }
```

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

```
.background{ background-color:#332D28 }
```

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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