

Converting Colors

Hex(332D2D)

Have a look what the booklet for
Hex(332D2D) contains.

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Color

Hex(332D2D)

Conversions

Conversions Part 1

Format	Color
Hex	332D2D
RGB	51, 45, 45
RGB Percent	20%, 18%, 18%
CMY	0.8000, 0.8235, 0.8235
CMYK	0.00, 0.12, 0.12, 0.80
HSL	0°, 6%, 19%
HSV	0°, 12%, 20%
XYZ	2.7773, 2.7700, 2.8709
YIQ	46.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 45, 45
Decimal	3353901
CIE Lab	19.10, 2.72, 0.99
CIE LCh	19, 2.891, 19.962
Yxy	2.7700, 0.3299, 0.3291
Android (android.graphics.Color)	4281543981 (0xFF332D2D)
YUV	46.7940, -0.8844, 3.6887
Hunter-Lab	16.6434, 0.6602, 1.4232

Details

The Hex color **332D2D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D3333**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **615B5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **332828**, and if you desaturate by 10%, it is **333232**.

Distribution



Red (20%)

Green (18%)

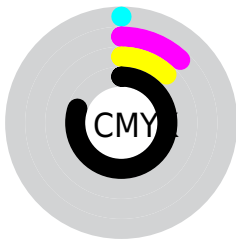
Blue (18%)



Red (20%)

Yellow (18%)

Blue (18%)



Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332D2D 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 332D2D by changing the saturation by 10% instead.

■ 332D2D

■ 332D2D

FFFFFF

■ 1E1818

■ 615B5B

■ 000000

■ 7A7373

■ 948D8D

■ AFA7A7

■ CAC2C2

■ E6DEDE

■ FFFBFB

■ 332D2D

■ 332D2D

■ 332828

■ 333232

■ 332323

■ 333737

■ 331E1E

■ 333C3C

■ 331919

■ 334141

■ 331414

■ 334747

■ 330E0E

■ 334C4C

■ 330909

■ 335151

■ 330404

■ 335656

■ 330000

■ 335B5B

Harmonies

Analogous

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



322D2F



332D2D



322D2B

Triad

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



332D2D



2C2F2C



2B2F32

Complementary

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



332D2D



2D3333

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.



2A2F31



332D2D



2A302E

Square

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



332D2D



2F2F2A



293030



2E2E32

Rectangle

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



332D2D



322E2A



293030



2B2F32

Sweetspot

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



332D2D



424040



332D33



211F1F



A1A1A1



212121

Same Dimension

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



332D2D



423939



33302D



1A1717



590000



D90000

Inverse Universe

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



2D3333



394242



2D3033



171A1A



005959



00D9D9

Previews

White Background



This preview shows how the Hex color 332D2D looks on a white background.

Color Contrast Check

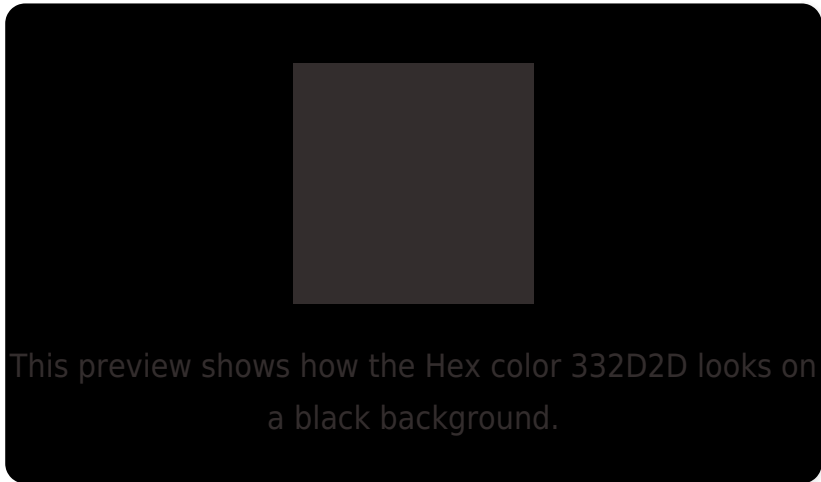
Large Text (above 18pt) WCAG AA ✓ Pass

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

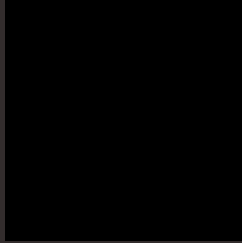
Any Text WCAG AA × Fail

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 332D2D Background



This preview shows how black text looks on a background with the Hex color 332D2D.

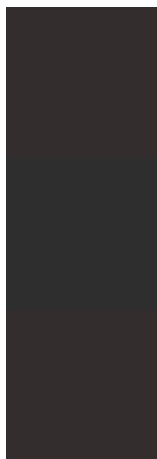


This preview shows how white text looks on a background with the Hex color 332D2D.

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

332D2D

Protanopia

2F2E2E

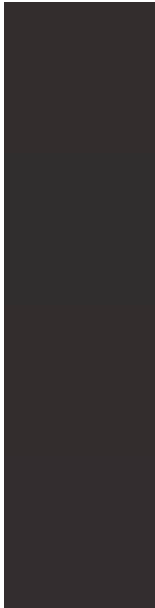
Deuteranopia

332D2D



Tritanopia
332D30

Trichromacy



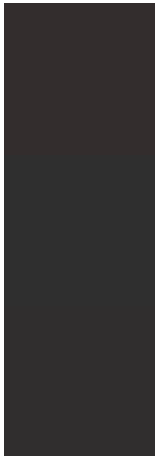
Original Color
332D2D

Protanomaly
302E2E

Deuteranomaly
332D2D

Tritanomaly
332D2F

Monochromacy



Original Color
332D2D

Achromatopsia
2F2F2F

Achromatomaly
302E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 332D2D 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 #332D2D looks like.

```
.text, #text, p{  
    color:#332D2D  
}
```

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 #332D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332D2D
}
```

Border

The CSS property to change the border of an element to Hex 332D2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

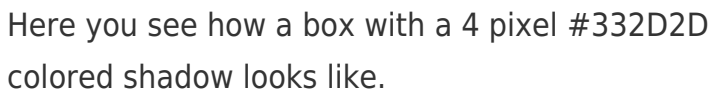
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332D2D }
```

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

```
.border{ border-color:#332D2D }
```

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



Here you see how a box with a 4 pixel #332D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332D2D; -webkit-box-shadow:4px 4px  
4px 4px #332D2D; box-shadow:4px 4px 4px  
4px #332D2D }
```

Background

The CSS property to change the background color of an element to Hex 332D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332D2D }
```

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

```
.background{ background-color:#332D2D }
```

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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