

Converting Colors

Hex(332F2F)

Have a look what the booklet for
Hex(332F2F) contains.

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Color

Hex(332F2F)

Conversions

Conversions Part 1

Format	Color
Hex	332F2F
RGB	51, 47, 47
RGB Percent	20%, 18%, 18%
CMY	0.8000, 0.8157, 0.8157
CMYK	0.00, 0.08, 0.08, 0.80
HSL	0°, 4%, 19%
HSV	0°, 8%, 20%
XYZ	2.8948, 2.9421, 3.1046
YIQ	48.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

Format	Color
RYB	51, 47, 47
Decimal	3354415
CIELab	19.81, 1.79, 0.64
CIELCh	20, 1.903, 19.698
Yxy	2.9421, 0.3238, 0.3290
Android (android.graphics.Color)	4281544495 (0xFF332F2F)
YUV	48.1960, -0.5896, 2.4591
Hunter-Lab	17.1525, 0.1089, 1.2751

Details

The Hex color **332F2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F3333**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **615D5D**, and **030000** is the 20% darker color. If you saturate the color by 10%, you get **332A2A**, and if you desaturate by 10%, it is **333434**.

Distribution



Red (20%)

Green (18%)

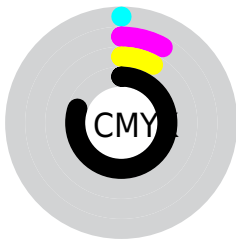
Blue (18%)



Red (20%)

Yellow (18%)

Blue (18%)



Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332F2F 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 332F2F by changing the saturation by 10% instead.

■ 332F2F

■ 332F2F

FFFFFF

■ 1E1A1A

■ 615D5D

■ 030000

■ 7A7575

■ 000000

■ 948F8F

■ AEA9A9

■ CAC5C5

■ E6E1E1

■ FFFDFD

■ 332F2F

■ 332F2F

■ 332A2A

■ 333434

■ 332525

■ 333939

■ 332020

■ 333E3E

■ 331B1B

■ 334343

■ 331515

■ 334949

■ 331010

■ 334E4E

■ 330B0B

■ 335353

■ 330606

■ 335858

■ 330101

■ 335D5D

Harmonies

Analogous

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



322F30



332F2F



332F2E

Triad

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



332F2F



2E302E



2E3033

Complementary

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



332F2F



2F3333

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.



2D3132



332F2F



2D312F

Square

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



332F2F



30302D



2D3131



303032

Rectangle

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



332F2F



322F2D



2D3131



2E3032

Sweetspot

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



332F2F



424141



332F33



212020



A1A1A1



212121

Same Dimension

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



332F2F



423C3C



33312F



1A1717



590000



D90000

Inverse Universe

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



2F3333



3C4242



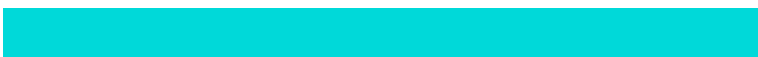
2F3133



171A1A



005959



00D9D9

Previews

White Background



This preview shows how the Hex color 332F2F looks on a white background.

Color Contrast Check

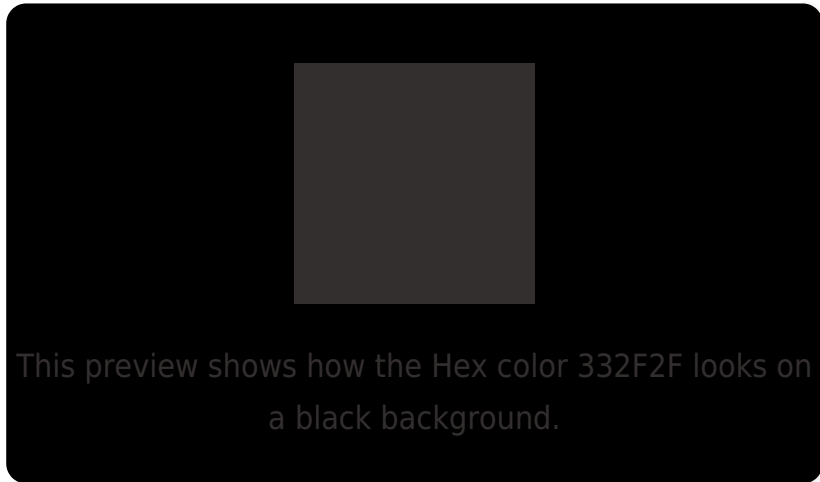
Large Text (above 18pt) WCAG AA ✓ Pass

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

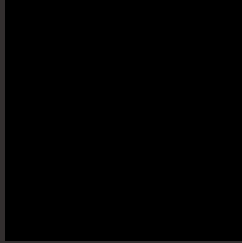
Any Text WCAG AA × Fail

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 332F2F Background



This preview shows how black text looks on a background with the Hex color 332F2F.

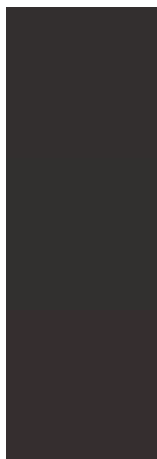


This preview shows how white text looks on a background with the Hex color 332F2F.

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

332F2F

Protanopia

31302F

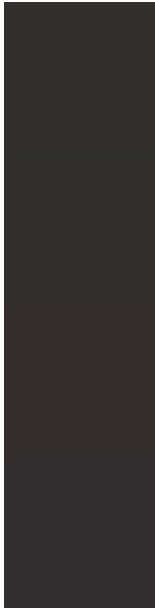
Deuteranopia

352E2F



Tritanopia
332F32

Trichromacy



Original Color

332F2F

Protanomaly

32302F

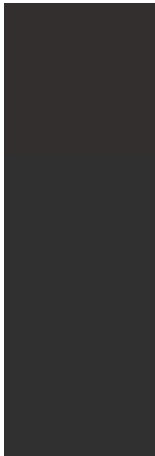
Deuteranomaly

342E2F

Tritanomaly

332F31

Monochromacy



Original Color

332F2F

Achromatopsia

303030

Achromatomaly

313030

CSS Examples

Text

The CSS property to change the color of the text to Hex 332F2F 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 #332F2F looks like.

```
.text, #text, p{  
    color:#332F2F  
}
```

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 #332F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332F2F
}
```

Border

The CSS property to change the border of an element to Hex 332F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

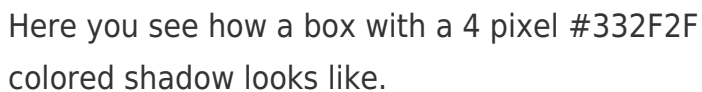
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332F2F }
```

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

```
.border{ border-color:#332F2F }
```

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



Here you see how a box with a 4 pixel #332F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332F2F; -webkit-box-shadow:4px 4px  
4px 4px #332F2F; box-shadow:4px 4px 4px  
4px #332F2F }
```

Background

The CSS property to change the background color of an element to Hex 332F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332F2F }
```

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

```
.background{ background-color:#332F2F }
```

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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