

Converting Colors

Hex(312D1C)

Have a look what the booklet for
Hex(312D1C) contains.

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Color

Hex(312D1C)

Conversions

Conversions Part 1

Format	Color
Hex	312D1C
RGB	49, 45, 28
RGB Percent	19%, 18%, 11%
CMY	0.8078, 0.8235, 0.8902
CMYK	0.00, 0.08, 0.43, 0.81
HSL	49°, 27%, 15%
HSV	49°, 43%, 19%
XYZ	2.4146, 2.6136, 1.4758
YIQ	44.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

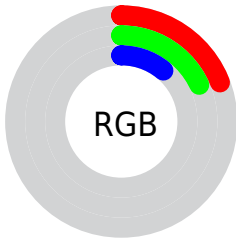
Format	Color
R_{YB}	33, 49, 28
Decimal	3222812
CIE Lab	18.42, -1.40, 11.67
CIE LCh	18, 11.751, 96.829
Yxy	2.6136, 0.3712, 0.4018
Android (android.graphics.Color)	4281412892 (0xFF312D1C)
YUV	44.2580, -8.0152, 4.1587
Hunter-Lab	16.1666, -1.6311, 5.9041

Details

The Hex color **312D1C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C2031**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **605B48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **312C17**, and if you desaturate by 10%, it is **312E21**.

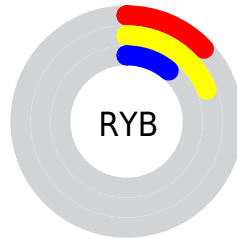
Distribution



Red (19%)

Green (18%)

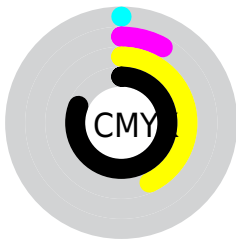
Blue (11%)



Red (13%)

Yellow (19%)

Blue (11%)

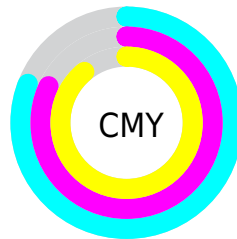


Cyan (0%)

Magenta (8%)

Yellow (43%)

Black (81%)



Cyan (81%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312D1C 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 312D1C by changing the saturation by 10% instead.

■ 312D1C

■ 312D1C

FFFFFF

■ 1D1802

■ 605B48

■ 000000

■ 79735F

■ 928D78

■ ADA792

■ C9C2AC

■ E5DEC8

■ FFFAE4

■ 312D1C

■ 312D1C

■ 312C17

■ 312E21

■ 312B12

■ 312F26

■ 312A0D

■ 31302B

■ 312908

■ 313130

■ 312803

■ 313235

■ 312800

■ 313339

■ 31343E

■ 313443

■ 313548

Harmonies

Analogous

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



392A1E



312D1C



282F1F

Triad

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



312D1C



123137



392834

Complementary

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



312D1C



1C2031

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.



312A3B



312D1C



19303C

Square

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



312D1C



15322F



252D3E



3E272B

Rectangle

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



312D1C



213123



252D3E



372836

Sweetspot

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



312D1C



403E37



311C20



21201C



A1A1A1



212121

Same Dimension

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



312D1C



403A1F



2B311C



1A1917



594800



D9AF00

Inverse Universe

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



1C2031



1F2540



221C31



17171A



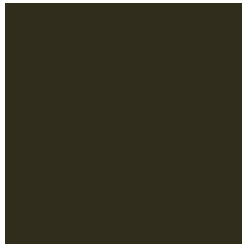
001159



0029D9

Previews

White Background



This preview shows how the Hex color 312D1C looks on a white background.

Color Contrast Check

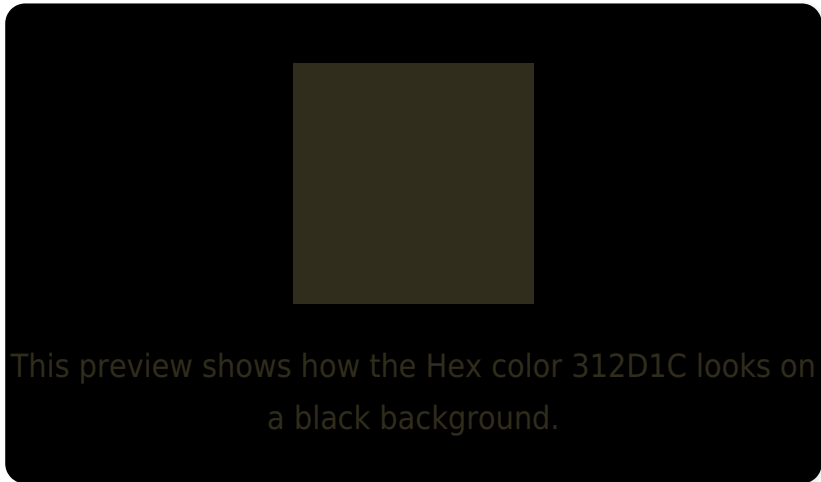
Large Text (above 18pt) WCAG AA ✓ Pass

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

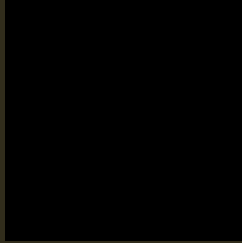
Any Text WCAG AA × Fail

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 312D1C Background



This preview shows how black text looks on a background with the Hex color 312D1C.

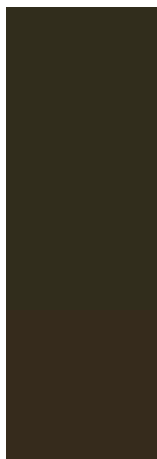


This preview shows how white text looks on a background with the Hex color 312D1C.

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
312D1C

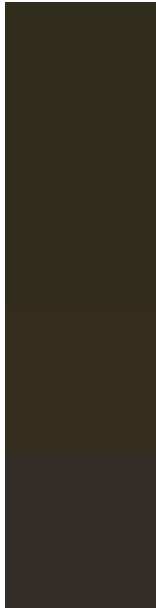
Protanopia
312D1C

Deuteranopia
362B1C



Tritanopia
332B2E

Trichromacy



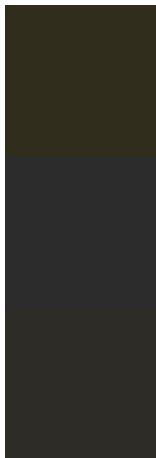
Original Color
312D1C

Protanomaly
312D1C

Deuteranomaly
342C1C

Tritanomaly
322C27

Monochromacy



Original Color
312D1C

Achromatopsia
2C2C2C

Achromatomaly
2E2C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 312D1C 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 #312D1C looks like.

```
.text, #text, p{  
    color:#312D1C  
}
```

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 #312D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312D1C  
}
```

Border

The CSS property to change the border of an element to Hex 312D1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

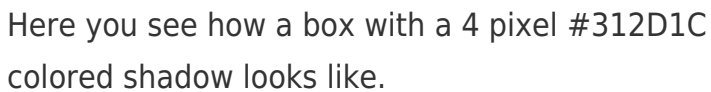
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#312D1C }
```

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

```
.border{ border-color:#312D1C }
```

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



Here you see how a box with a 4 pixel `#312D1C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312D1C; -webkit-box-shadow:4px 4px  
4px 4px #312D1C; box-shadow:4px 4px 4px  
4px #312D1C }
```

Background

The CSS property to change the background color of an element to Hex 312D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312D1C }
```

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

```
.background{ background-color:#312D1C }
```

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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