

Converting Colors

Hex(312E20)

Have a look what the booklet for
Hex(312E20) contains.

Hex(312E20)	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(312E20)

Conversions

Conversions Part 1

Format	Color
Hex	312E20
RGB	49, 46, 32
RGB Percent	19%, 18%, 13%
CMY	0.8078, 0.8196, 0.8745
CMYK	0.00, 0.06, 0.35, 0.81
HSL	49°, 21%, 16%
HSV	49°, 35%, 19%
XYZ	2.5043, 2.7112, 1.7578
YIQ	45.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

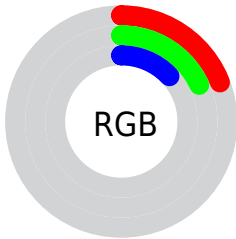
Format	Color
R_YB	36, 49, 32
Decimal	3223072
CIE _{Lab}	18.85, -1.42, 9.54
CIE _{LCh}	19, 9.641, 98.497
Yxy	2.7112, 0.3591, 0.3888
Android (android.graphics.Color)	4281413152 (0xFF312E20)
YUV	45.3010, -6.5574, 3.2440
Hunter-Lab	16.4659, -1.6668, 5.1965

Details

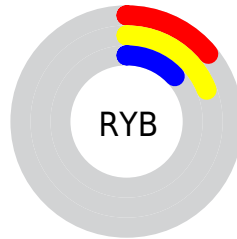
The Hex color **312E20** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **202331**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5F5C4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **312D1B**, and if you desaturate by 10%, it is **312F25**.

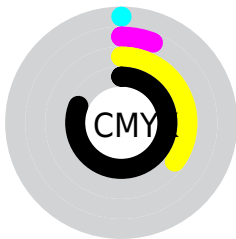
Distribution



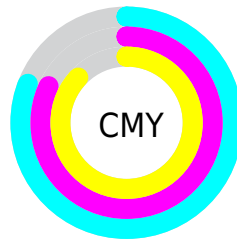
- Red (19%)
- Green (18%)
- Blue (13%)



- Red (14%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (81%)



- Cyan (81%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312E20 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 312E20 by changing the saturation by 10% instead.



312E20



312E20

FFFFFF



1D1909



5F5C4C



000000



787464



928E7D



ADA897



C8C3B2



E4DFCD



FFFCE9



312E20



312E20

■ 312D1B

■ 312F25

■ 312C16

■ 31302A

■ 312B11

■ 31312F

■ 312B0C

■ 313134

■ 312A07

■ 313239

■ 312903

■ 31333D

■ 312800

■ 313442

■ 313547

■ 31364C

Harmonies

Analogous

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



372C21



312E20



293023

Triad

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



312E20



1A3136



392933

Complementary

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



312E20



202331

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.



312B39



312E20



1F303B

Square

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



312E20



1B3230



282E3C



3C292C

Rectangle

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



312E20



243126



282E3C



372A35

Sweetspot

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



312E20



403F39



312023



21201D



A1A1A1



212121

Same Dimension

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



312E20



403B25



2C3120



1A1917



594900



D9B200

Inverse Universe

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



202331



252A40



252031



17171A



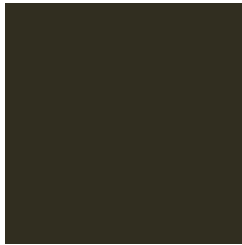
001059



0026D9

Previews

White Background



This preview shows how the Hex color 312E20 looks on a white background.

Color Contrast Check

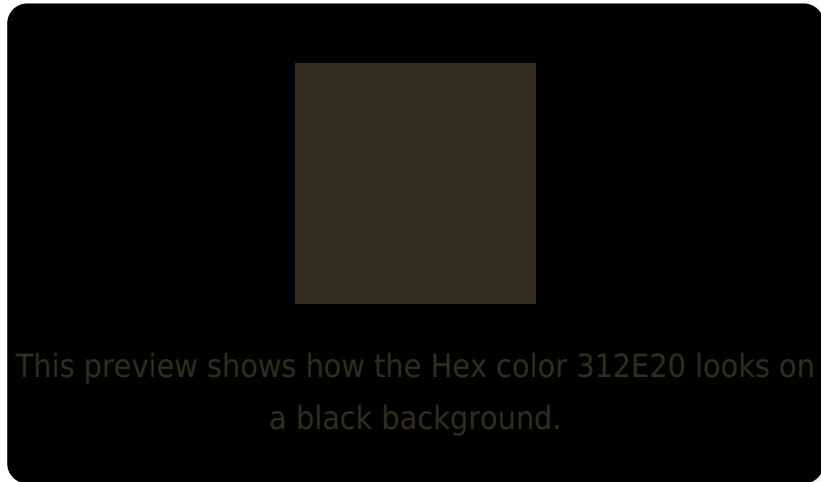
Large Text (above 18pt) WCAG AA ✓ Pass

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

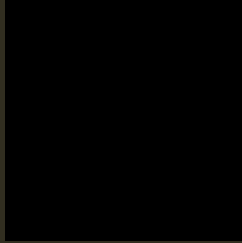
Any Text WCAG AA × Fail

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 312E20 Background



This preview shows how black text looks on a background with the Hex color 312E20.

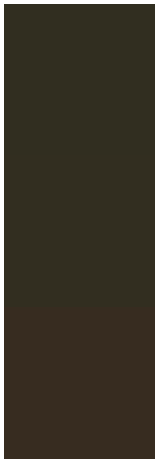


This preview shows how white text looks on a background with the Hex color 312E20.

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
312E20

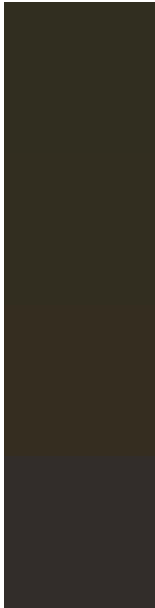
Protanopia
322E20

Deuteranopia
372C20



Tritanopia
332C2F

Trichromacy



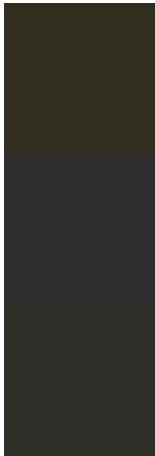
Original Color
312E20

Protanomaly
322E20

Deuteranomaly
352D20

Tritanomaly
322D2A

Monochromacy



Original Color
312E20

Achromatopsia
2D2D2D

Achromatomaly
2E2D28

CSS Examples

Text

The CSS property to change the color of the text to Hex 312E20 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 #312E20 looks like.

```
.text, #text, p{  
    color:#312E20  
}
```

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 #312E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312E20
}
```

Border

The CSS property to change the border of an element to Hex 312E20 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
#312E20 }
```

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

```
.border{ border-color:#312E20 }
```

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

Here you see how a box with a 4 pixel #312E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312E20; -webkit-box-shadow:4px 4px  
4px 4px #312E20; box-shadow:4px 4px 4px  
4px #312E20 }
```

Background

The CSS property to change the background color of an element to Hex 312E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312E20 }
```

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

```
.background{ background-color:#312E20 }
```

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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