

Converting Colors

Hex(302E2B)

Have a look what the booklet for
Hex(302E2B) contains.

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Color

Hex(302E2B)

Conversions

Conversions Part 1

Format	Color
Hex	302E2B
RGB	48, 46, 43
RGB Percent	19%, 18%, 17%
CMY	0.8118, 0.8196, 0.8314
CMYK	0.00, 0.04, 0.10, 0.81
HSL	36°, 5%, 18%
HSV	36°, 10%, 19%
XYZ	2.6320, 2.7568, 2.6789
YIQ	46.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

Format	Color
R_{YB}	46, 48, 43
Decimal	3157547
CIE _{Lab}	19.04, 0.22, 2.25
CIE _{LCh}	19, 2.259, 84.288
Yxy	2.7568, 0.3262, 0.3417
Android (android.graphics.Color)	4281347627 (0xFF302E2B)
YUV	46.2560, -1.6052, 1.5295
Hunter-Lab	16.6036, -0.7608, 2.0564

Details

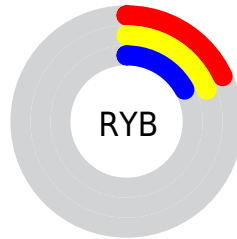
The Hex color **302E2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2D30**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5E5C58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302C26**, and if you desaturate by 10%, it is **303030**.

Distribution



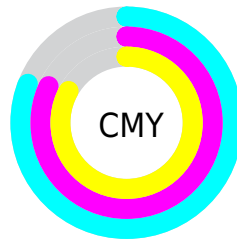
- Red (19%)
- Green (18%)
- Blue (17%)



- Red (18%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (81%)



- Cyan (81%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302E2B 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 302E2B by changing the saturation by 10% instead.

■ 302E2B

■ 302E2B

FFFFFF

■ 1B1917

■ 5E5C58

■ 000000

■ 777471

■ 908E8A

■ ABA8A4

■ C6C3C0

■ E2DFDB

■ FFFCF8

■ 302E2B

■ 302E2B

■ 302C26

■ 303030

■ 302A21

■ 303235

■ 30281D

■ 303439

■ 302618

■ 30363E

■ 302413

■ 303843

■ 30220E

■ 303A48

■ 302109

■ 303B4D

■ 301F05

■ 303D51

■ 301D00

■ 303F56

Harmonies

Analogous

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



312E2C



302E2B



2E2F2B

Triad

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



302E2B



2A2F30



302D30

Complementary

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



302E2B



2B2D30

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.



2E2E31



302E2B



2B2F31

Square

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



302E2B



2B2F2E



2C2E31



312D2F

Rectangle

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



302E2B



2D2F2C



2C2E31



302E31

Sweetspot

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



302E2B



3D3C3B



302B2D



1F1E1D



9E9E9E



1F1F1F

Same Dimension

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



302E2B



3D3A35



30302B



171615



573400



D68100

Inverse Universe

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



2B2D30



35383D



2C2B30



151617



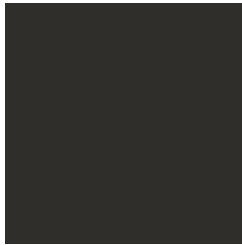
002357



0056D6

Previews

White Background



This preview shows how the Hex color 302E2B looks on a white background.

Color Contrast Check

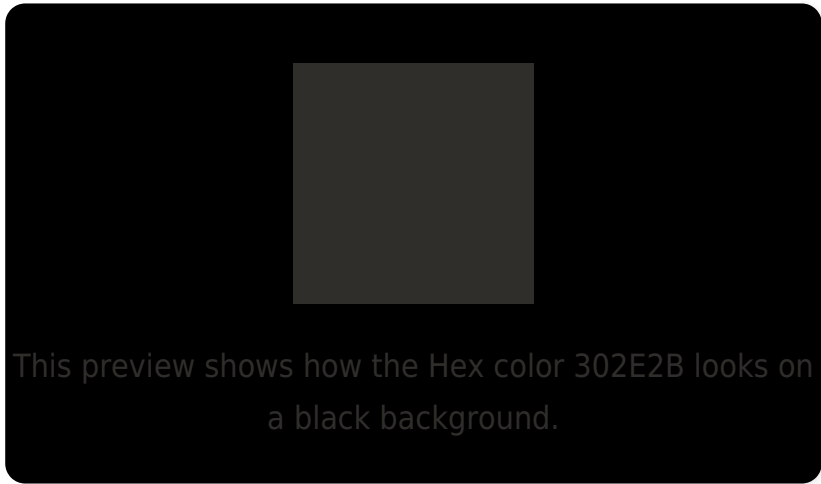
Large Text (above 18pt) WCAG AA ✓ Pass

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

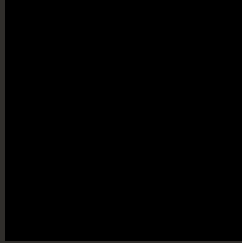
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

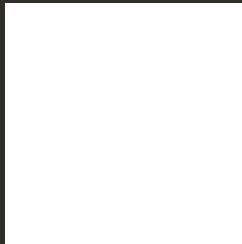
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 302E2B Background



This preview shows how black text looks on a background with the Hex color 302E2B.



This preview shows how white text looks on a background with the Hex color 302E2B.

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
302E2B

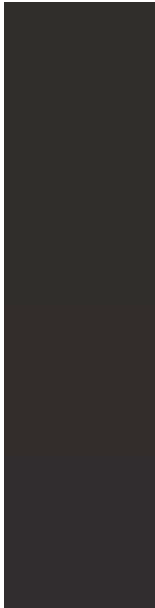
Protanopia
302E2B

Deuteranopia
342D2B



Tritanopia
312D31

Trichromacy



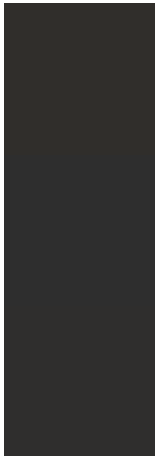
Original Color
302E2B

Protanomaly
302E2B

Deuteranomaly
332D2B

Tritanomaly
312D2F

Monochromacy



Original Color
302E2B

Achromatopsia
2E2E2E

Achromatomaly
2F2E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 302E2B 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 #302E2B looks like.

```
.text, #text, p{  
    color:#302E2B  
}
```

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 #302E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302E2B
}
```

Border

The CSS property to change the border of an element to Hex 302E2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

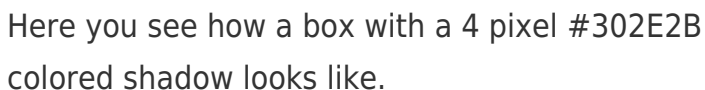
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302E2B }
```

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

```
.border{ border-color:#302E2B }
```

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



Here you see how a box with a 4 pixel #302E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302E2B; -webkit-box-shadow:4px 4px  
4px 4px #302E2B; box-shadow:4px 4px 4px  
4px #302E2B }
```

Background

The CSS property to change the background color of an element to Hex 302E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302E2B }
```

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

```
.background{ background-color:#302E2B }
```

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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