

Converting Colors

Hex(302B1E)

Have a look what the booklet for
Hex(302B1E) contains.

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Color

Hex(302B1E)

Conversions

Conversions Part 1

Format	Color
Hex	302B1E
RGB	48, 43, 30
RGB Percent	19%, 17%, 12%
CMY	0.8118, 0.8314, 0.8824
CMYK	0.00, 0.10, 0.37, 0.81
HSL	43°, 23%, 15%
HSV	43°, 38%, 19%
XYZ	2.3171, 2.4499, 1.5790
YIQ	43.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

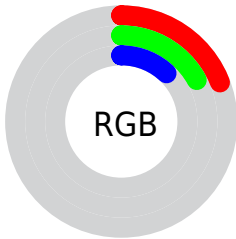
Format	Color
R_{YB}	37, 48, 30
Decimal	3156766
CIE Lab	17.69, -0.24, 9.31
CIE LCh	18, 9.317, 91.458
Yxy	2.4499, 0.3651, 0.3860
Android (android.graphics.Color)	4281346846 (0xFF302B1E)
YUV	43.0130, -6.4154, 4.3736
Hunter-Lab	15.6521, -0.9658, 4.9750

Details

The Hex color **302B1E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2330**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5E584A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302A19**, and if you desaturate by 10%, it is **302C23**.

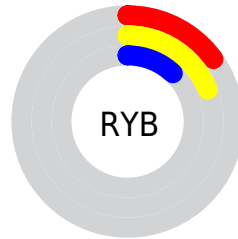
Distribution



Red (19%)

Green (17%)

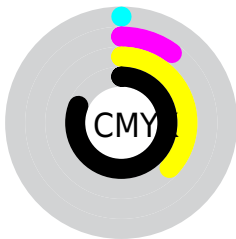
Blue (12%)



Red (15%)

Yellow (19%)

Blue (12%)

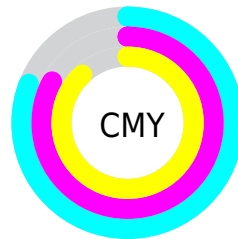


Cyan (0%)

Magenta (10%)

Yellow (37%)

Black (81%)



Cyan (81%)

Magenta (83%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302B1E 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 302B1E by changing the saturation by 10% instead.

■ 302B1E

■ 302B1E

FFFFFF

■ 1C1705

■ 5E584A

■ 000000

■ 777162

■ 918A7A

■ ACA494

■ C7BFAF

■ E3DBCA

■ FFF8E6

■ 302B1E

■ 302B1E

■ 302A19

■ 302C23

■ 302814

■ 302E28

■ 302710

■ 302F2C

■ 30260B

■ 303031

■ 302406

■ 303236

■ 302301

■ 30333B

■ 302300

■ 303440

■ 303644

■ 303749

Harmonies

Analogous

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



362920



302B1E



292D20

Triad

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



302B1E



182F32



342732

Complementary

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



302B1E



1E2330

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.



2D2A37



302B1E



1C2E37

Square

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



302B1E



1B2F2B



242C39



38272B

Rectangle

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



302B1E



242E23



242C39



322834

Sweetspot

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



302B1E



3D3B36



301E23



1F1D1B



9E9E9E



1F1F1F

Same Dimension

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



302B1E



3D3622



2C301E



171615



573F00



D69B00

Inverse Universe

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



1E2330



22293D



221E30



151517



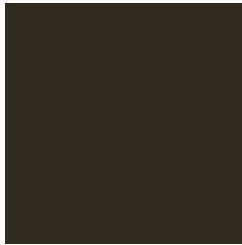
001857



003BD6

Previews

White Background



This preview shows how the Hex color 302B1E looks on a white background.

Color Contrast Check

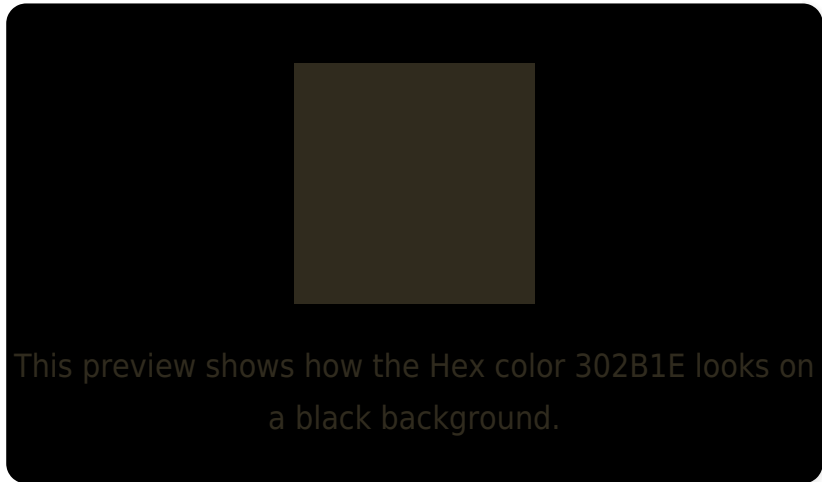
Large Text (above 18pt) WCAG AA ✓ Pass

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

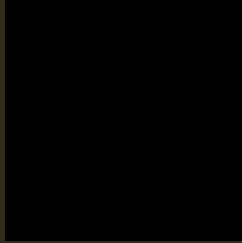
Any Text WCAG AA × Fail

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 302B1E Background



This preview shows how black text looks on a background with the Hex color 302B1E.

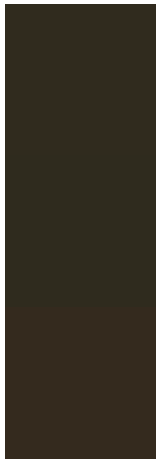


This preview shows how white text looks on a background with the Hex color 302B1E.

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
302B1E

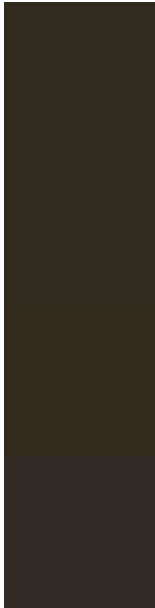
Protanopia
2F2B1E

Deuteranopia
342A1E



Tritanopia
32292C

Trichromacy



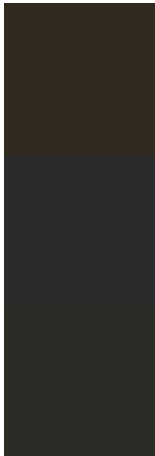
Original Color
302B1E

Protanomaly
2F2B1E

Deuteranomaly
332A1E

Tritanomaly
312A27

Monochromacy



Original Color
302B1E

Achromatopsia
2B2B2B

Achromatomaly
2D2B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 302B1E 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 #302B1E looks like.

```
.text, #text, p{  
    color:#302B1E  
}
```

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 #302B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302B1E
}
```

Border

The CSS property to change the border of an element to Hex 302B1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

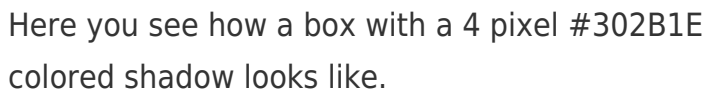
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302B1E }
```

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

```
.border{ border-color:#302B1E }
```

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



Here you see how a box with a 4 pixel #302B1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302B1E; -webkit-box-shadow:4px 4px  
4px 4px #302B1E; box-shadow:4px 4px 4px  
4px #302B1E }
```

Background

The CSS property to change the background color of an element to Hex 302B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302B1E }
```

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

```
.background{ background-color:#302B1E }
```

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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