

Converting Colors

Hex(302B2B)

Have a look what the booklet for
Hex(302B2B) contains.

Hex(302B2B)	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(302B2B)

Conversions

Conversions Part 1

Format	Color
Hex	302B2B
RGB	48, 43, 43
RGB Percent	19%, 17%, 17%
CMY	0.8118, 0.8314, 0.8314
CMYK	0.00, 0.10, 0.10, 0.81
HSL	0°, 5%, 18%
HSV	0°, 10%, 19%
XYZ	2.5188, 2.5306, 2.6412
YIQ	44.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

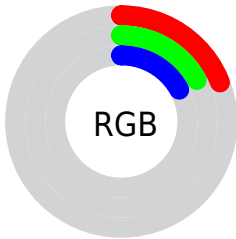
Format	Color
R_YB	48, 43, 43
Decimal	3156779
CIE Lab	18.06, 2.28, 0.82
CIE LCh	18, 2.420, 19.863
Yxy	2.5306, 0.3275, 0.3290
Android (android.graphics.Color)	4281346859 (0xFF302B2B)
YUV	44.4950, -0.7370, 3.0739
Hunter-Lab	15.9077, 0.4254, 1.2914

Details

The Hex color **302B2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3030**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5E5858**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302626**, and if you desaturate by 10%, it is **303030**.

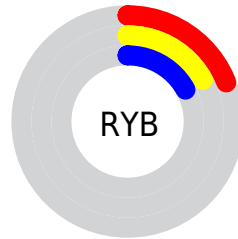
Distribution



Red (19%)

Green (17%)

Blue (17%)



Red (19%)

Yellow (17%)

Blue (17%)

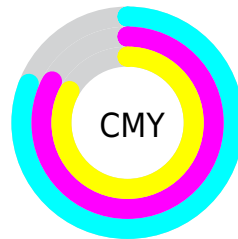


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (81%)



Cyan (81%)

Magenta (83%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302B2B 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 302B2B by changing the saturation by 10% instead.



302B2B



302B2B

FFFFFF



1B1717



5E5858



000000



777171



908A8A



ABA4A4



C6C0C0



E2DBDB



FFF8F8



302B2B



302B2B

■ 302626

■ 303030

■ 302121

■ 303535

■ 301D1D

■ 303939

■ 301818

■ 303E3E

■ 301313

■ 304343

■ 300E0E

■ 304848

■ 300909

■ 304D4D

■ 300505

■ 305151

■ 300000

■ 305656

Harmonies

Analogous

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



2F2B2D



302B2B



302B2A

Triad

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



302B2B



2A2D2A



2A2C2F

Complementary

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



302B2B



2B3030

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.



282D2F



302B2B



292D2B

Square

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



302B2B



2C2C29



282D2D



2C2C2F

Rectangle

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



302B2B



2F2C29



282D2D



292D2F

Sweetspot

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



302B2B



3D3B3B



302B30



1F1D1D



9E9E9E



1F1F1F

Same Dimension

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



302B2B



3D3535



302E2B



171515



570000



D60000

Inverse Universe

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



2B3030



353D3D



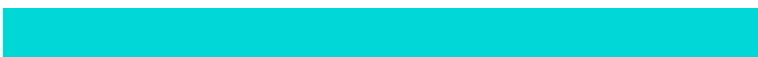
2B2E30



151717



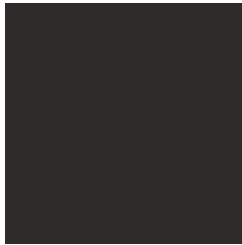
005757



00D6D6

Previews

White Background



This preview shows how the Hex color 302B2B looks on a white background.

Color Contrast Check

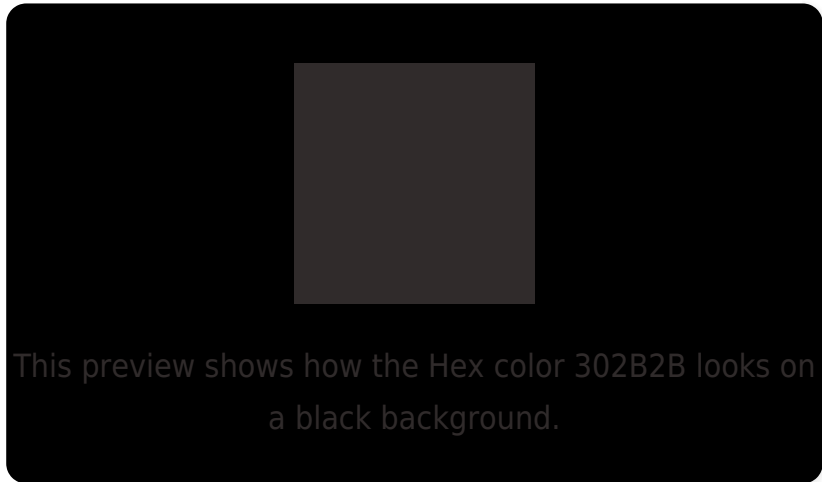
Large Text (above 18pt) WCAG AA ✓ Pass

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

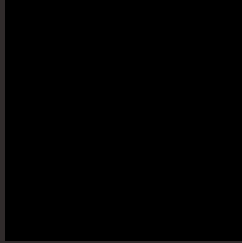
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

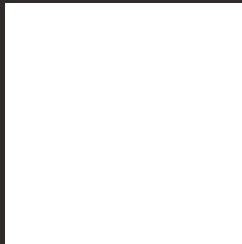
Any Text WCAG AAA × Fail

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

Hex 302B2B Background



This preview shows how black text looks on a background with the Hex color 302B2B.

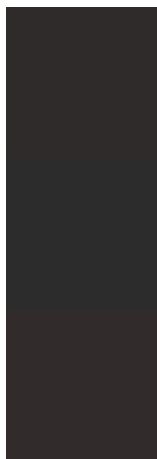


This preview shows how white text looks on a background with the Hex color 302B2B.

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
302B2B

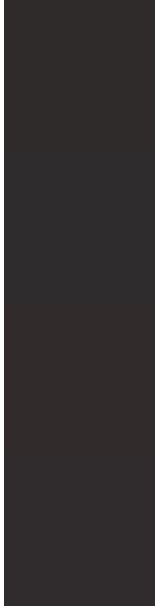
Protanopia
2D2C2C

Deuteranopia
312B2B



Tritanopia
302B2E

Trichromacy



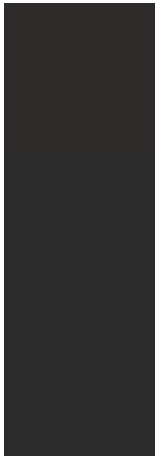
Original Color
302B2B

Protanomaly
2E2C2C

Deuteranomaly
312B2B

Tritanomaly
302B2D

Monochromacy



Original Color
302B2B

Achromatopsia
2C2C2C

Achromatomaly
2D2C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 302B2B 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 #302B2B looks like.

```
.text, #text, p{  
    color:#302B2B  
}
```

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 #302B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302B2B
}
```

Border

The CSS property to change the border of an element to Hex 302B2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

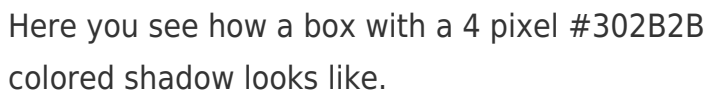
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302B2B }
```

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

```
.border{ border-color:#302B2B }
```

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



Here you see how a box with a 4 pixel #302B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302B2B; -webkit-box-shadow:4px 4px  
4px 4px #302B2B; box-shadow:4px 4px 4px  
4px #302B2B }
```

Background

The CSS property to change the background color of an element to Hex 302B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302B2B }
```

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

```
.background{ background-color:#302B2B }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor