

Converting Colors

Hex(302C27)

Have a look what the booklet for
Hex(302C27) contains.

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Color

Hex(302C27)

Conversions

Conversions Part 1

Format	Color
Hex	302C27
RGB	48, 44, 39
RGB Percent	19%, 17%, 15%
CMY	0.8118, 0.8275, 0.8471
CMYK	0.00, 0.08, 0.19, 0.81
HSL	33°, 10%, 17%
HSV	33°, 19%, 19%
XYZ	2.4858, 2.5762, 2.2857
YIQ	44.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

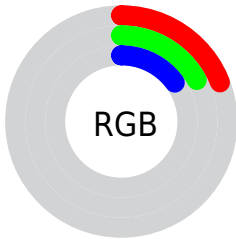
Format	Color
RYB	46, 48, 39
Decimal	3157031
CIELab	18.26, 0.74, 3.90
CIElCh	18, 3.967, 79.194
Yxy	2.5762, 0.3383, 0.3506
Android (android.graphics.Color)	4281347111 (0xFF302C27)
YUV	44.6260, -2.7736, 2.9590
Hunter-Lab	16.0506, -0.4437, 2.7922

Details

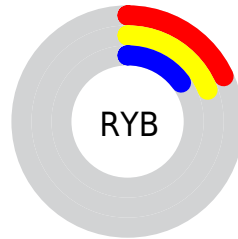
The Hex color **302C27** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **272B30**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5E5954**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302A22**, and if you desaturate by 10%, it is **302E2C**.

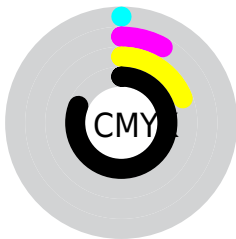
Distribution



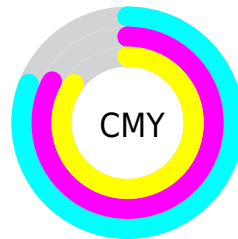
- Red (19%)
- Green (17%)
- Blue (15%)



- Red (18%)
- Yellow (19%)
- Blue (15%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (81%)



- Cyan (81%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302C27 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 302C27 by changing the saturation by 10% instead.



302C27



302C27

FFFFFF



1B1812



5E5954



000000



77726C



908B85



ABA69F



C6C1BA



E2DDD6



FFF9F2



302C27



302C27

■ 302A22

■ 302E2C

■ 30281D

■ 303031

■ 302619

■ 303235

■ 302314

■ 30353A

■ 30210F

■ 30373F

■ 301F0A

■ 303944

■ 301D05

■ 303B49

■ 301B01

■ 303D4D

■ 301B00

■ 303F52

Harmonies

Analogous

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



322B28



302C27



2D2D27

Triad

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



302C27



252E2E



2F2B30

Complementary

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



302C27



272B30

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.



2C2C32



302C27



262E31

Square

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



302C27



272E2B



282D32



322B2E

Rectangle

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



302C27



2B2E28



282D32



2E2C31

Sweetspot

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



302C27



3D3C3A



30272B



1F1E1C



9E9E9E



1F1F1F

Same Dimension

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



302C27



3D372F



303027



171615



573000



D67700

Inverse Universe

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



272B30



2F353D



272730



151617



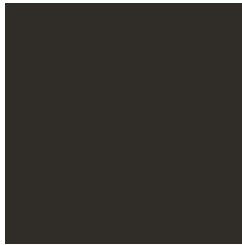
002757



005FD6

Previews

White Background



This preview shows how the Hex color 302C27 looks on a white background.

Color Contrast Check

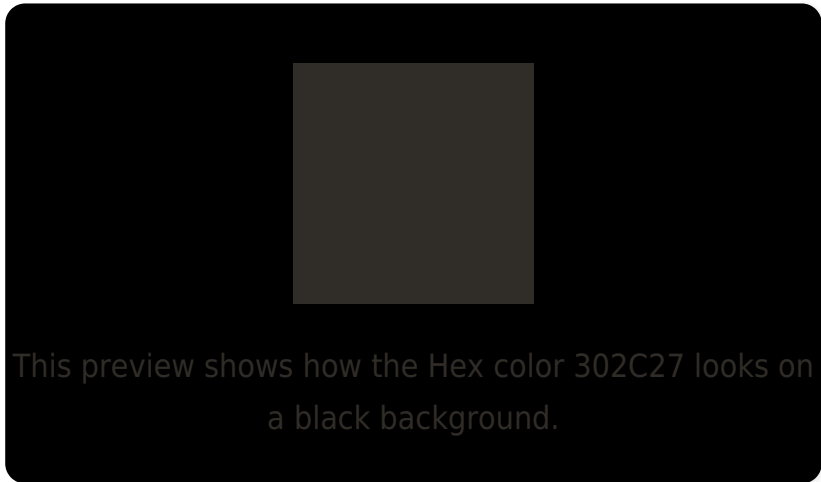
Large Text (above 18pt) WCAG AA ✓ Pass

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

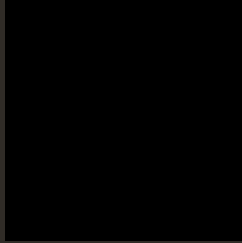
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

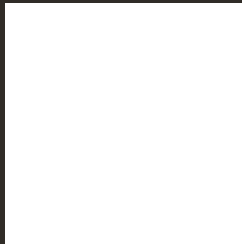
Any Text WCAG AAA × Fail

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

Hex 302C27 Background



This preview shows how black text looks on a background with the Hex color 302C27.



This preview shows how white text looks on a background with the Hex color 302C27.

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
302C27

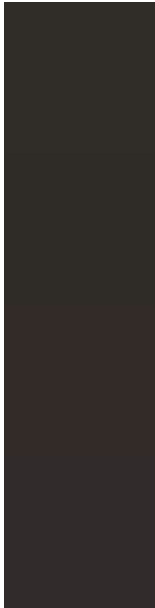
Protanopia
2F2C27

Deuteranopia
332B27



Tritanopia
312B2E

Trichromacy



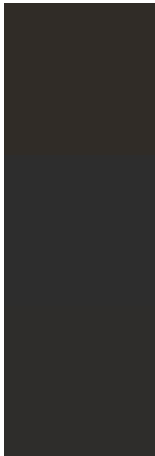
Original Color
302C27

Protanomaly
2F2C27

Deuteranomaly
322B27

Tritanomaly
312B2B

Monochromacy



Original Color
302C27

Achromatopsia
2D2D2D

Achromatomaly
2E2D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 302C27 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 #302C27 looks like.

```
.text, #text, p{  
    color:#302C27  
}
```

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 #302C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302C27  
}
```

Border

The CSS property to change the border of an element to Hex 302C27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

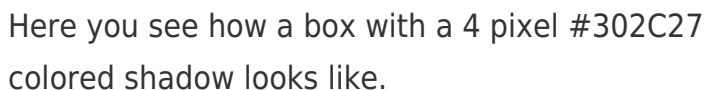
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#302C27 }
```

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

```
.border{ border-color:#302C27 }
```

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



Here you see how a box with a 4 pixel #302C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302C27; -webkit-box-shadow:4px 4px  
4px 4px #302C27; box-shadow:4px 4px 4px  
4px #302C27 }
```

Background

The CSS property to change the background color of an element to Hex 302C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302C27 }
```

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

```
.background{ background-color:#302C27 }
```

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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