

Converting Colors

Hex(302231)

Have a look what the booklet for
Hex(302231) contains.

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Color

Hex(302231)

Conversions

Conversions Part 1

Format	Color
Hex	302231
RGB	48, 34, 49
RGB Percent	19%, 13%, 19%
CMY	0.8118, 0.8667, 0.8078
CMYK	0.02, 0.31, 0.00, 0.81
HSL	296°, 18%, 16%
HSV	296°, 31%, 19%
XYZ	2.3453, 1.9942, 3.1670
YIQ	39.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

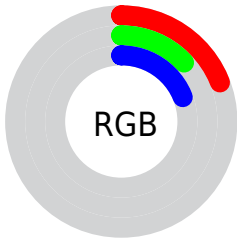
Format	Color
R_YB	48, 34, 49
Decimal	3154481
CIE Lab	15.46, 9.98, -7.27
CIE LCh	15, 12.345, 323.912
Yxy	1.9942, 0.3124, 0.2657
Android (android.graphics.Color)	4281344561 (0xFF302231)
YUV	39.8960, 4.4883, 7.1072
Hunter-Lab	14.1216, 4.9328, -3.4118

Details

The Hex color **302231** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **233122**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5E4E5F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301D31**, and if you desaturate by 10%, it is **302731**.

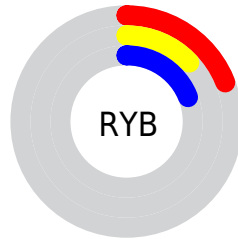
Distribution



Red (19%)

Green (13%)

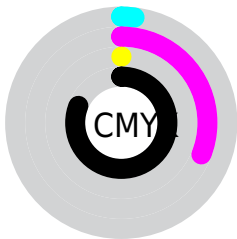
Blue (19%)



Red (19%)

Yellow (13%)

Blue (19%)

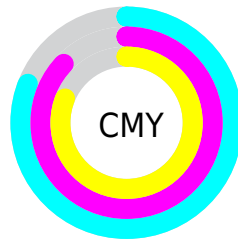


Cyan (2%)

Magenta (31%)

Yellow (0%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302231 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 302231 by changing the saturation by 10% instead.

■ 302231

■ 302231

FFFFFF

■ 1C0D1C

■ 5E4E5F

■ 000000

■ 776678

■ 918092

■ AB9AAC

■ C7B4C7

■ E3D0E3

■ FFECFF

■ 302231

■ 302231

■ 301D31

■ 302731

■ 2F1831

■ 312C31

■ 2F1331

■ 313131

■ 2F0E31

■ 313631

■ 2E0A31

■ 323B31

■ 2E0531

■ 323F31

■ 2E0031

■ 324431

■ 334931

■ 334E31

Harmonies

Analogous

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



252537



302231



362029

Triad

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



302231



2E2515



082B2D

Complementary

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



302231



233122

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.



112B24



302231



252816

Square

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



302231



352319



1B2A1C



0B2A34

Rectangle

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



302231



382023



1B2A1C



0A2B2B

Sweetspot

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



302231



3F3A40



222331



211E21



A1A1A1



212121

Same Dimension

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



302231



3E2840



31222B



19171A



530059



CA00D9

Inverse Universe

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



312223



40282A



223129



1A1717



590006



D9000E

Previews

White Background



This preview shows how the Hex color 302231 looks on a white background.

Color Contrast Check

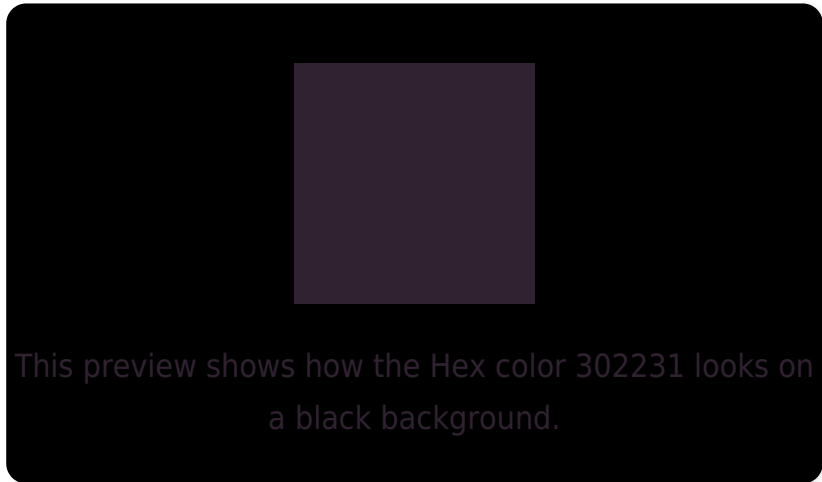
Large Text (above 18pt) WCAG AA ✓ Pass

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

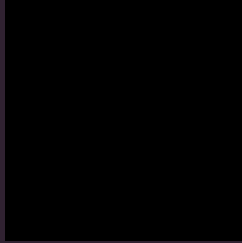
Any Text WCAG AA × Fail

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 302231 Background



This preview shows how black text looks on a background with the Hex color 302231.



This preview shows how white text looks on a background with the Hex color 302231.

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
302231

Protanopia
232634

Deuteranopia
262630



Tritanopia
2F2427

Trichromacy



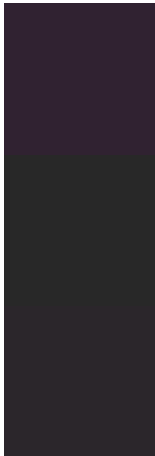
Original Color
302231

Protanomaly
282533

Deuteranomaly
2A2530

Tritanomaly
2F232B

Monochromacy



Original Color
302231

Achromatopsia
282828

Achromatomaly
2B262B

CSS Examples

Text

The CSS property to change the color of the text to Hex 302231 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 #302231 looks like.

```
.text, #text, p{  
    color:#302231  
}
```

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 #302231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302231
}
```

Border

The CSS property to change the border of an element to Hex 302231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

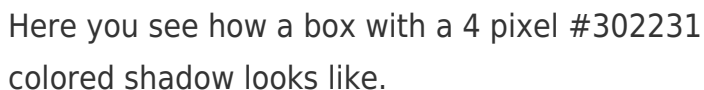
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302231 }
```

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

```
.border{ border-color:#302231 }
```

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



Here you see how a box with a 4 pixel #302231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302231; -webkit-box-shadow:4px 4px  
4px 4px #302231; box-shadow:4px 4px 4px  
4px #302231 }
```

Background

The CSS property to change the background color of an element to Hex 302231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302231 }
```

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

```
.background{ background-color:#302231 }
```

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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