

Converting Colors

Hex(302211)

Have a look what the booklet for
Hex(302211) contains.

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Color

Hex(302211)

Conversions

Conversions Part 1

Format	Color
Hex	302211
RGB	48, 34, 17
RGB Percent	19%, 13%, 7%
CMY	0.8118, 0.8667, 0.9333
CMYK	0.00, 0.29, 0.65, 0.81
HSL	33°, 48%, 13%
HSV	33°, 65%, 19%
XYZ	1.8921, 1.8129, 0.7805
YIQ	36.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

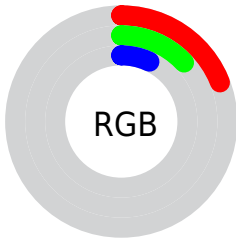
Format	Color
RYB	43, 48, 17
Decimal	3154449
CIELab	14.47, 4.16, 13.79
CIElCh	14, 14.404, 73.207
Yxy	1.8129, 0.4218, 0.4042
Android (android.graphics.Color)	4281344529 (0xFF302211)
YUV	36.2480, -9.4893, 10.3065
Hunter-Lab	13.4644, 1.5215, 5.9881

Details

The Hex color **302211** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **111F30**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5F4E3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30200C**, and if you desaturate by 10%, it is **302416**.

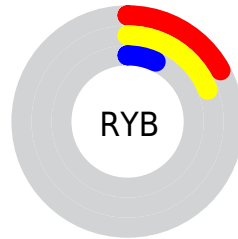
Distribution



Red (19%)

Green (13%)

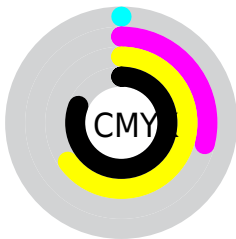
Blue (7%)



Red (17%)

Yellow (19%)

Blue (7%)

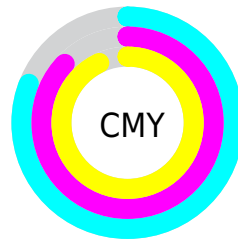


Cyan (0%)

Magenta (29%)

Yellow (65%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302211 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 302211 by changing the saturation by 10% instead.

 302211

 302211

 FFFFFF1

 1B0C00

 5F4E3B

 000000

 796653

 937F6B

 AD9984

 C9B49E

 E5CFB9

 FFECD5

 302211

 302211

■ 30200C

■ 302416

■ 301E07

■ 30261B

■ 301B03

■ 30291F

■ 301A00

■ 302B24

■ 302D29

■ 302F2E

■ 303133

■ 303337

■ 30363C

Harmonies

Analogous

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



361F17



302211



272510

Triad

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



302211



002A29



2B2033

Complementary

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



302211



111F30

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.



1D2438



302211



002932

Square

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



302211



0E2A1E



0A2738



351D2B

Rectangle

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



302211



1F2713



0A2738



272235

Sweetspot

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



302211



3D3832



30111F



1F1B18



9E9E9E



1F1F1F

Same Dimension

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



302211



3D280D



2F3011



171615



573000



D67500

Inverse Universe

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



111F30



0D233D



121130



151617



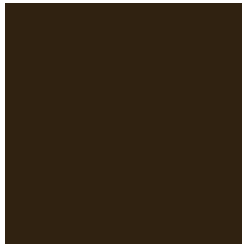
002757



0061D6

Previews

White Background



This preview shows how the Hex color 302211 looks on a white background.

Color Contrast Check

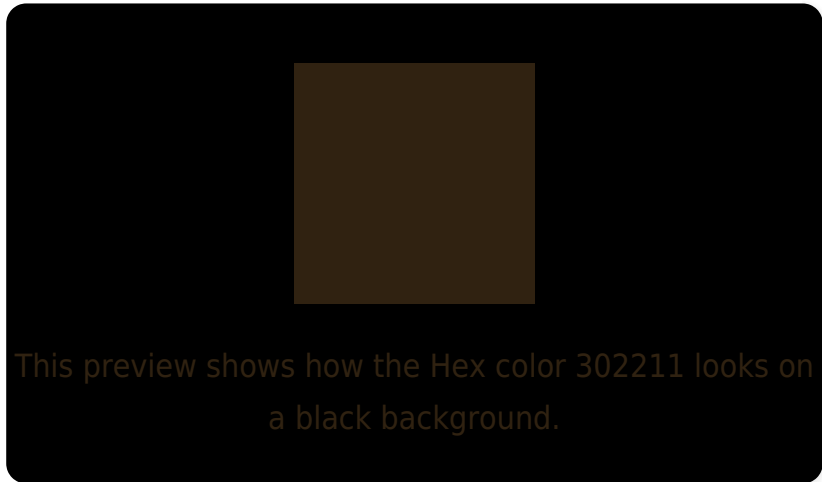
Large Text (above 18pt) WCAG AA ✓ Pass

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

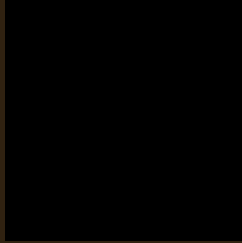
Any Text WCAG AA × Fail

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 302211 Background



This preview shows how black text looks on a background with the Hex color 302211.

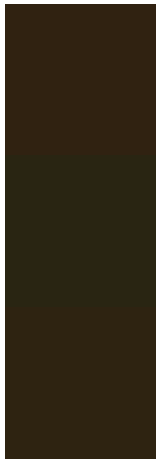


This preview shows how white text looks on a background with the Hex color 302211.

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

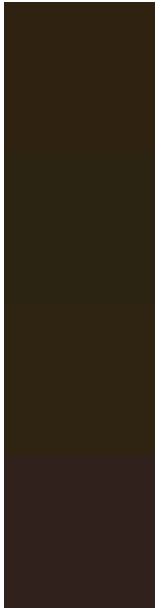


Original Color
302211

Protanopia
292512

Deuteranopia
2E2311

Trichromacy



Original Color
302211

Protanomaly
2C2412

Deuteranomaly
2F2311

Tritanomaly
31211C

Monochromacy



Original Color
302211

Achromatopsia
242424

Achromatomaly
28231D

CSS Examples

Text

The CSS property to change the color of the text to Hex 302211 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 #302211 looks like.

```
.text, #text, p{  
    color:#302211  
}
```

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 #302211 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302211
}
```

Border

The CSS property to change the border of an element to Hex 302211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

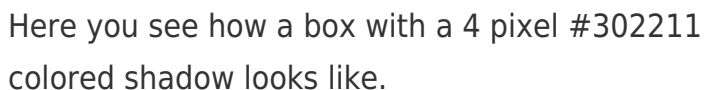
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302211 }
```

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

```
.border{ border-color:#302211 }
```

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



Here you see how a box with a 4 pixel #302211 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302211; -webkit-box-shadow:4px 4px  
4px 4px #302211; box-shadow:4px 4px 4px  
4px #302211 }
```

Background

The CSS property to change the background color of an element to Hex 302211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302211 }
```

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

```
.background{ background-color:#302211 }
```

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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