

Converting Colors

Hex(302312)

Have a look what the booklet for
Hex(302312) contains.

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Color

Hex(302312)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 302312 |
| RGB | 48, 35, 18 |
| RGB Percent | 19%, 14%, 7% |
| CMY | 0.8118, 0.8627, 0.9294 |
| CMYK | 0.00, 0.27, 0.63, 0.81 |
| HSL | 34°, 45%, 13% |
| HSV | 34°, 62%, 19% |
| XYZ | 1.9291, 1.8741, 0.8323 |
| YIQ | 36.9490, 13.2050, -2.5310 |

Conversions

Conversions Part 2

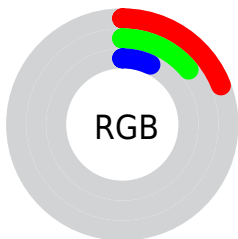
| Format | Color |
|-------------------------------------|--|
| RYB | 41, 48, 18 |
| Decimal | 3154706 |
| CIELab | 14.81, 3.58, 13.63 |
| CIElCh | 15, 14.095, 75.297 |
| Yxy | 1.8741, 0.4162, 0.4043 |
| Android (android.graphics.Color) | 4281344786 (0xFF302312) |
| YUV | 36.9490, -9.3419, 9.6917 |
| Hunter-Lab | 13.6898, 1.1966, 5.9781 |

Details

The Hex color **302312** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **121F30**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5F4F3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30210D**, and if you desaturate by 10%, it is **302517**.

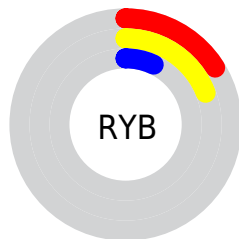
Distribution



Red (19%)

Green (14%)

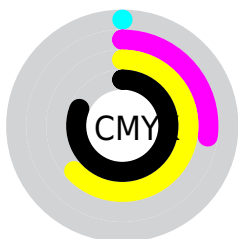
Blue (7%)



Red (16%)

Yellow (19%)

Blue (7%)

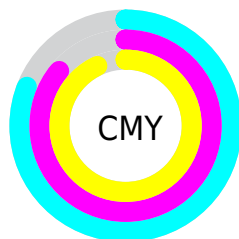


Cyan (0%)

Magenta (27%)

Yellow (63%)

Black (81%)



Cyan (81%)

Magenta (86%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302312 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 302312 by changing the saturation by 10% instead.

■ 302312

■ 302312

■ FFFFF2

■ 1B0E00

■ 5F4F3C

■ 000000

■ 786754

■ 92806C

■ AD9A85

■ C9B59F

■ E5D1BA

■ FFEDD6

■ 302312

■ 302312

■ 30210D

■ 302517

■ 301F08

■ 30271C

■ 301D04

■ 302920

■ 301B00

■ 302B25

■ 302D2A

■ 302F2F

■ 303234

■ 303438

■ 30363D

Harmonies

Analogous

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



362018



302312



272612

Triad

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



302312



022B2A



2D2133

Complementary

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



302312



121F30

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.



1F2538



302312



002A33

Square

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



302312



0F2A20



0D2838



351E2B

Rectangle

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



302312



1F2815



0D2838



292235

Sweetspot

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



302312



3D3832



30121F



1F1C18



9E9E9E



1F1F1F

Same Dimension

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



302312



3D290F



2E3012



171615



573100



D67900

Inverse Universe

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



121F30



0F233D



141230



151617



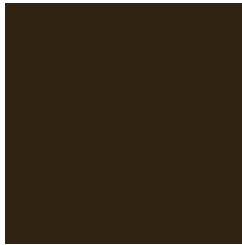
002657



005DD6

Previews

White Background



This preview shows how the Hex color 302312 looks on a white background.

Color Contrast Check

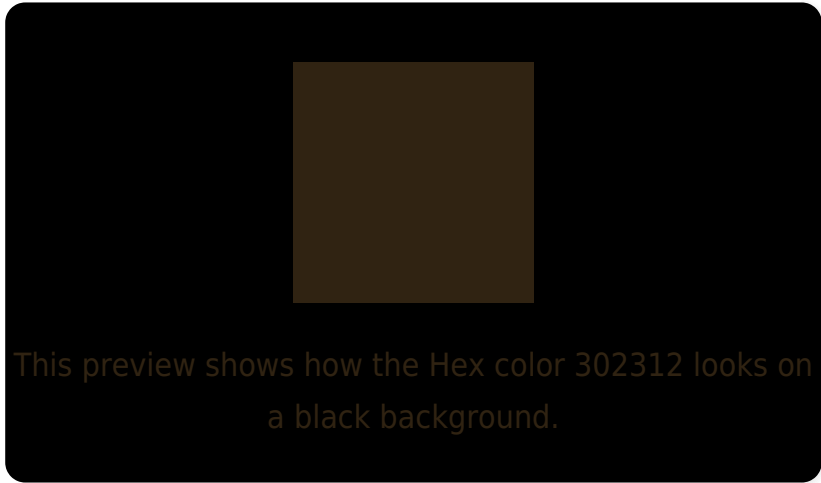
Large Text (above 18pt) WCAG AA ✓ Pass

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

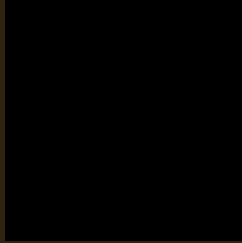
Any Text WCAG AA × Fail

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 302312 Background



This preview shows how black text looks on a background with the Hex color 302312.

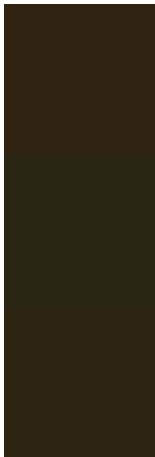


This preview shows how white text looks on a background with the Hex color 302312.

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
302312

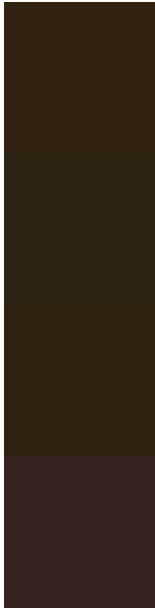
Protanopia
292613

Deuteranopia
2E2412



Tritanopia
312124

Trichromacy



Original Color
302312

Protanomaly
2C2513

Deuteranomaly
2F2412

Tritanomaly
31221D

Monochromacy



Original Color
302312

Achromatopsia
252525

Achromatomaly
29241E

CSS Examples

Text

The CSS property to change the color of the text to Hex 302312 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 #302312 looks like.

```
.text, #text, p{  
    color:#302312  
}
```

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 #302312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302312
}
```

Border

The CSS property to change the border of an element to Hex 302312 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
#302312 }
```

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

```
.border{ border-color:#302312 }
```

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

Here you see how a box with a 4 pixel #302312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302312; -webkit-box-shadow:4px 4px  
4px 4px #302312; box-shadow:4px 4px 4px  
4px #302312 }
```

Background

The CSS property to change the background color of an element to Hex 302312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302312 }
```

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

```
.background{ background-color:#302312 }
```

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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