

Converting Colors

Hex(302222)

Have a look what the booklet for
Hex(302222) contains.

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Color

Hex(302222)

Conversions

Conversions Part 1

Format	Color
Hex	302222
RGB	48, 34, 34
RGB Percent	19%, 13%, 13%
CMY	0.8118, 0.8667, 0.8667
CMYK	0.00, 0.29, 0.29, 0.81
HSL	0°, 17%, 16%
HSV	0°, 29%, 19%
XYZ	2.0797, 1.8879, 1.7682
YIQ	38.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

Format	Color
RYB	48, 34, 34
Decimal	3154466
CIELab	14.89, 6.71, 2.61
CIElCh	15, 7.200, 21.237
Yxy	1.8879, 0.3626, 0.3291
Android (android.graphics.Color)	4281344546 (0xFF302222)
YUV	38.1860, -2.0637, 8.6069
Hunter-Lab	13.7402, 2.9721, 1.9883

Details

The Hex color **302222** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **223030**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5E4E4E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301D1D**, and if you desaturate by 10%, it is **302727**.

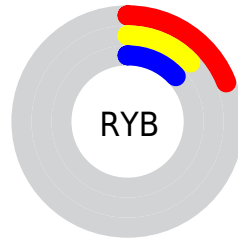
Distribution



Red (19%)

Green (13%)

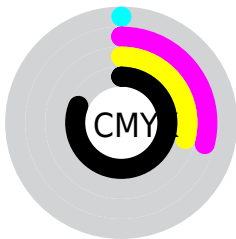
Blue (13%)



Red (19%)

Yellow (13%)

Blue (13%)

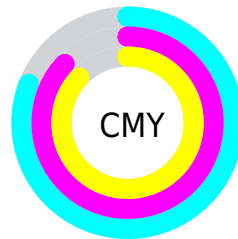


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302222 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 302222 by changing the saturation by 10% instead.

■ 302222

■ 302222

FFFFFF

■ 1C0C0C

■ 5E4E4E

■ 000000

■ 776666

■ 917F7F

■ AC9999

■ C7B4B4

■ E3D0CF

■ FFECEB

■ 302222

■ 302222

■ 301D1D

■ 302727

■ 301818

■ 302C2C

■ 301414

■ 303030

■ 300F0F

■ 303535

■ 300A0A

■ 303A3A

■ 300505

■ 303F3F

■ 300000

■ 304444

■ 304848

■ 304D4D

Harmonies

Analogous

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



2F2227



302222



2F231E

Triad

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



302222



20281F



1E262F

Complementary

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



302222



223030

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.



19282D



302222



1B2824

Square

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



302222



25261C



182829



24252F

Rectangle

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



302222



2C241C



182829



1C272F

Sweetspot

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



302222



3D3838



302230



1F1B1B



9E9E9E



1F1F1F

Same Dimension

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



302222



3D2828



302922



171515



570000



D60000

Inverse Universe

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



223030



283D3D



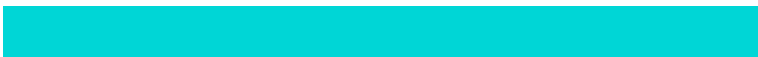
222930



151717



005757



00D6D6

Previews

White Background



This preview shows how the Hex color 302222 looks on a white background.

Color Contrast Check

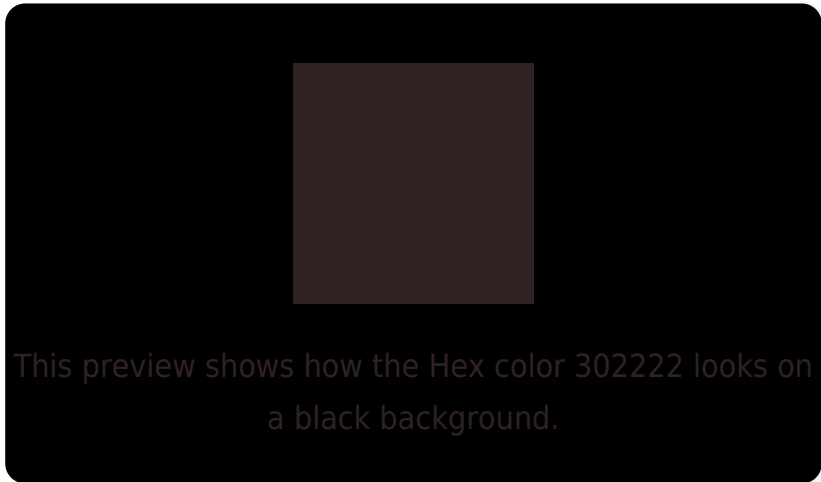
Large Text (above 18pt) WCAG AA ✓ Pass

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

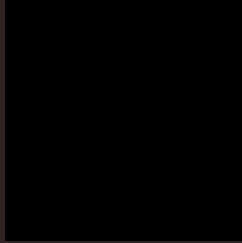
Any Text WCAG AA × Fail

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 302222 Background



This preview shows how black text looks on a background with the Hex color 302222.

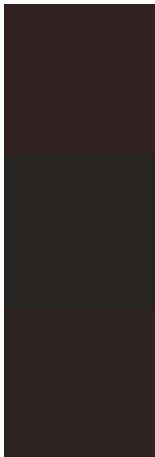


This preview shows how white text looks on a background with the Hex color 302222.

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
302222

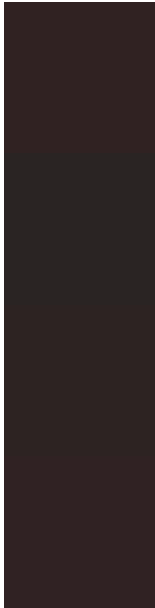
Protanopia
272524

Deuteranopia
2B2422



Tritanopia
302224

Trichromacy



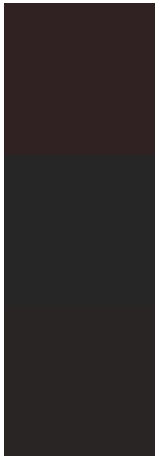
Original Color
302222

Protanomaly
2A2423

Deuteranomaly
2D2322

Tritanomaly
302223

Monochromacy



Original Color
302222

Achromatopsia
262626

Achromatomaly
2A2525

CSS Examples

Text

The CSS property to change the color of the text to Hex 302222 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 #302222 looks like.

```
.text, #text, p{  
    color:#302222  
}
```

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 #302222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302222
}
```

Border

The CSS property to change the border of an element to Hex 302222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

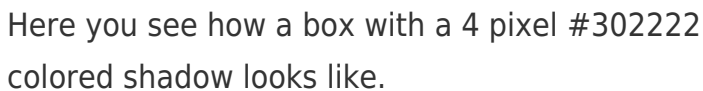
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302222 }
```

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

```
.border{ border-color:#302222 }
```

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



Here you see how a box with a 4 pixel #302222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302222; -webkit-box-shadow:4px 4px  
4px 4px #302222; box-shadow:4px 4px 4px  
4px #302222 }
```

Background

The CSS property to change the background color of an element to Hex 302222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302222 }
```

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

```
.background{ background-color:#302222 }
```

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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