

Converting Colors

Hex(302521)

Have a look what the booklet for
Hex(302521) contains.

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Color

Hex(302521)

Conversions

Conversions Part 1

Format	Color
Hex	302521
RGB	48, 37, 33
RGB Percent	19%, 15%, 13%
CMY	0.8118, 0.8549, 0.8706
CMYK	0.00, 0.23, 0.31, 0.81
HSL	16°, 19%, 16%
HSV	16°, 31%, 19%
XYZ	2.1550, 2.0613, 1.7231
YIQ	39.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

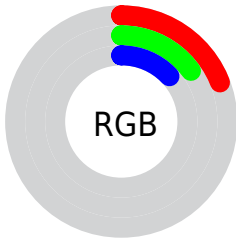
Format	Color
RYB	48, 38, 33
Decimal	3155233
CIELab	15.81, 4.42, 4.62
CIELCh	16, 6.399, 46.280
Yxy	2.0613, 0.3628, 0.3471
Android (android.graphics.Color)	4281345313 (0xFF302521)
YUV	39.8330, -3.3687, 7.1625
Hunter-Lab	14.3573, 1.6673, 2.9342

Details

The Hex color **302521** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **212C30**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5E524D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30211C**, and if you desaturate by 10%, it is **302926**.

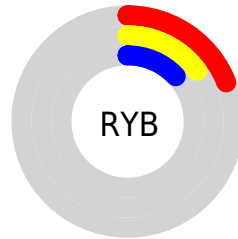
Distribution



Red (19%)

Green (15%)

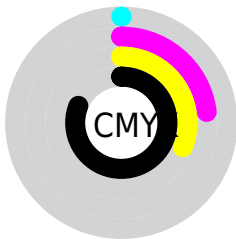
Blue (13%)



Red (19%)

Yellow (15%)

Blue (13%)

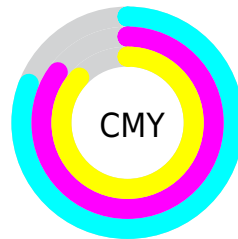


Cyan (0%)

Magenta (23%)

Yellow (31%)

Black (81%)



Cyan (81%)

Magenta (85%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302521 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 302521 by changing the saturation by 10% instead.



302521



302521

FFFFFF



1C100A



5E524D



000000



776A65



91837E



AC9D98



C7B8B2



E3D3CE



FFF0EA



302521



302521

■ 30211C

■ 302926

■ 301E17

■ 302C2B

■ 301A13

■ 30302F

■ 30170E

■ 303334

■ 301309

■ 303739

■ 301004

■ 303A3E

■ 300D00

■ 303E43

■ 304147

■ 30454C

Harmonies

Analogous

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



312425



302521



2D261F

Triad

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



302521



1E2A25



262730

Complementary

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



302521



212C30

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.



202830



302521



1C2A2A

Square

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



302521



232921



1C292E



2B252E

Rectangle

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



302521



2A271E



1C292E



242730

Sweetspot

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



302521



3D3938



30212C



1F1C1B



9E9E9E



1F1F1F

Same Dimension

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



302521



3D2C26



302D21



171515



571700



D63900

Inverse Universe

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



212C30



26373D



212530



151617



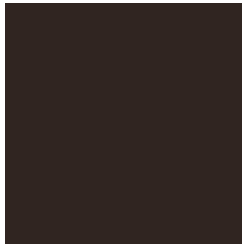
004057



009DD6

Previews

White Background



This preview shows how the Hex color 302521 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

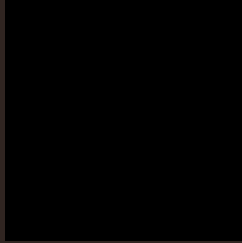
Any Text WCAG AA × Fail

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 302521 Background



This preview shows how black text looks on a background with the Hex color 302521.

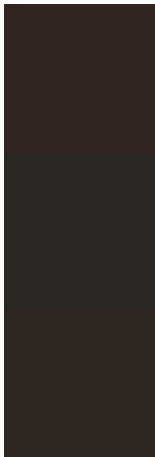


This preview shows how white text looks on a background with the Hex color 302521.

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
302521

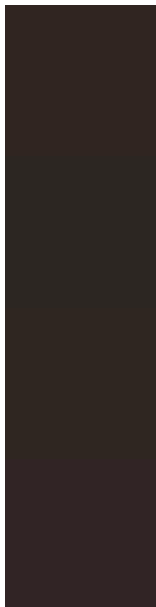
Protanopia
292722

Deuteranopia
2E2621



Tritanopia
312427

Trichromacy



Original Color

302521

Protanomaly

2C2622

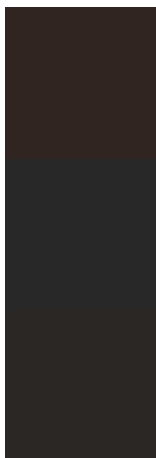
Deuteranomaly

2F2621

Tritanomaly

312425

Monochromacy



Original Color

302521

Achromatopsia

282828

Achromatomaly

2B2725

CSS Examples

Text

The CSS property to change the color of the text to Hex 302521 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 #302521 looks like.

```
.text, #text, p{  
    color:#302521  
}
```

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 #302521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302521
}
```

Border

The CSS property to change the border of an element to Hex 302521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

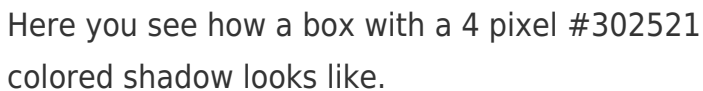
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302521 }
```

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

```
.border{ border-color:#302521 }
```

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



Here you see how a box with a 4 pixel #302521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302521; -webkit-box-shadow:4px 4px  
4px 4px #302521; box-shadow:4px 4px 4px  
4px #302521 }
```

Background

The CSS property to change the background color of an element to Hex 302521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302521 }
```

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

```
.background{ background-color:#302521 }
```

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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