

Converting Colors

Hex(301924)

Have a look what the booklet for
Hex(301924) contains.

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Color

Hex(301924)

Conversions

Conversions Part 1

Format	Color
Hex	301924
RGB	48, 25, 36
RGB Percent	19%, 10%, 14%
CMY	0.8118, 0.9020, 0.8588
CMYK	0.00, 0.48, 0.25, 0.81
HSL	331°, 32%, 14%
HSV	331°, 48%, 19%
XYZ	1.8850, 1.4510, 1.8498
YIQ	33.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

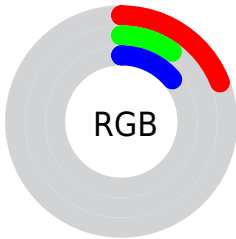
Format	Color
R_{YB}	48, 25, 36
Decimal	3152164
CIE _{Lab}	12.29, 13.39, -2.63
CIE _{LCh}	12, 13.643, 348.873
Yxy	1.4510, 0.3635, 0.2798
Android (android.graphics.Color)	4281342244 (0xFF301924)
YUV	33.1310, 1.4144, 13.0401
Hunter-Lab	12.0458, 6.8525, -0.6727

Details

The Hex color **301924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **193025**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5F4550**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301421**, and if you desaturate by 10%, it is **301E27**.

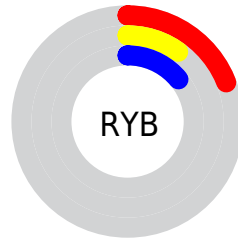
Distribution



Red (19%)

Green (10%)

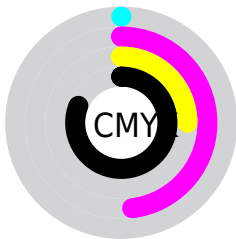
Blue (14%)



Red (19%)

Yellow (10%)

Blue (14%)

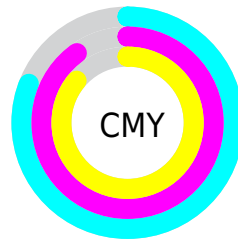


Cyan (0%)

Magenta (48%)

Yellow (25%)

Black (81%)



Cyan (81%)

Magenta (90%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301924 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 301924 by changing the saturation by 10% instead.

■ 301924

■ 301924

■ FFFDFF

■ 1D000F

■ 5F4550

■ 000000

■ 785C68

■ 927582

■ AC8F9C

■ C8A9B6

■ E4C4D2

■ FFE0EE

■ 301924

■ 301924

■ 301421

■ 301E27

■ 300F1F

■ 302329

■ 300B1C

■ 30272C

■ 30061A

■ 302C2E

■ 300117

■ 303131

■ 300017

■ 303633

■ 303B36

■ 303F38

■ 30443B

Harmonies

Analogous

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



281B2D



301924



32191B

Triad

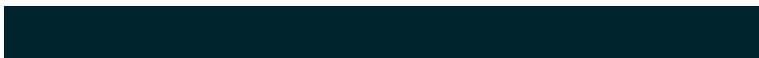
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



301924



20210D



00242E

Complementary

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



301924



193025

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.



002526



301924



152413

Square

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



301924



291E0C



08251C



0B2232

Rectangle

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



301924



311A15



08251C



00252C

Sweetspot

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



301924



3D3539



251930



1F191C



9E9E9E



1F1F1F

Same Dimension

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



301924



3D1A2B



301919



171516



570029



D60066

Inverse Universe

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



301924



3D1A2B



193030



171516



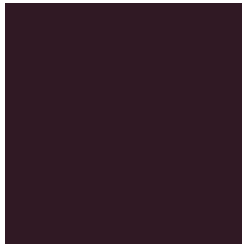
570029



D60066

Previews

White Background



This preview shows how the Hex color 301924 looks on a white background.

Color Contrast Check

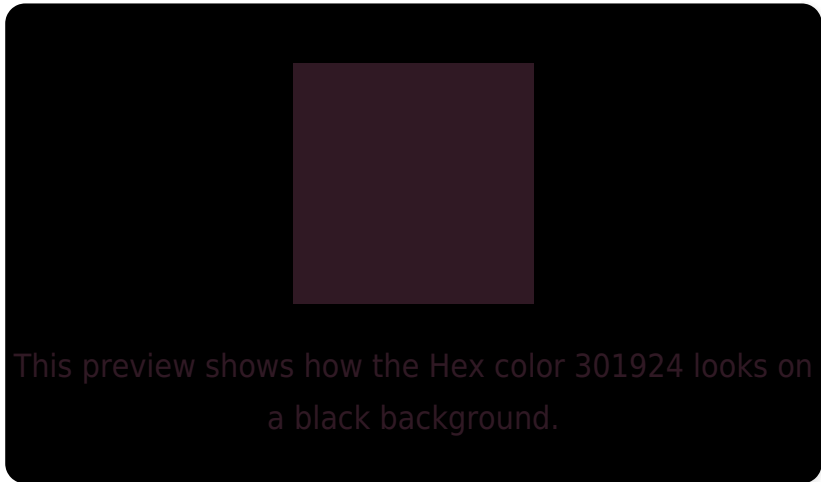
Large Text (above 18pt) WCAG AA ✓ Pass

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

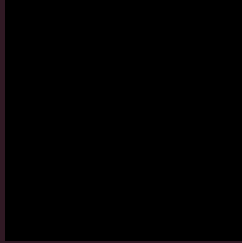
Any Text WCAG AA × Fail

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 301924 Background



This preview shows how black text looks on a background with the Hex color 301924.



This preview shows how white text looks on a background with the Hex color 301924.

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
301924

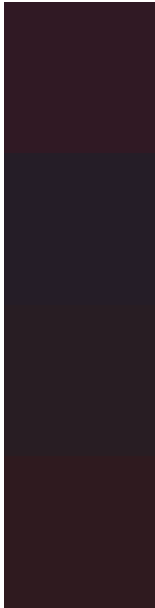
Protanopia
1F2029

Deuteranopia
232023



Tritanopia
2F1A1C

Trichromacy



Original Color

301924

Protanomaly

251D27

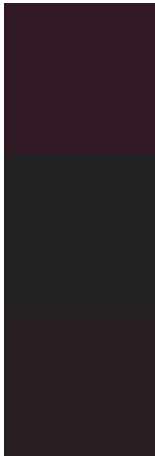
Deuteranomaly

281D23

Tritanomaly

2F1A1F

Monochromacy



Original Color

301924

Achromatopsia

212121

Achromatomaly

261E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 301924 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 #301924 looks like.

```
.text, #text, p{  
    color:#301924  
}
```

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 #301924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301924
}
```

Border

The CSS property to change the border of an element to Hex 301924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

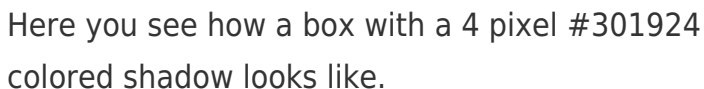
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301924 }
```

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

```
.border{ border-color:#301924 }
```

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



Here you see how a box with a 4 pixel #301924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301924; -webkit-box-shadow:4px 4px  
4px 4px #301924; box-shadow:4px 4px 4px  
4px #301924 }
```

Background

The CSS property to change the background color of an element to Hex 301924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301924 }
```

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

```
.background{ background-color:#301924 }
```

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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