

Converting Colors

Hex(301D26)

Have a look what the booklet for
Hex(301D26) contains.

Hex(301D26)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(301D26)

Conversions

Conversions Part 1

Format	Color
Hex	301D26
RGB	48, 29, 38
RGB Percent	19%, 11%, 15%
CMY	0.8118, 0.8863, 0.8510
CMYK	0.00, 0.40, 0.21, 0.81
HSL	332°, 25%, 15%
HSV	332°, 40%, 19%
XYZ	2.0081, 1.6470, 2.0458
YIQ	35.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

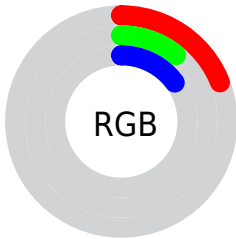
Format	Color
R_{YB}	48, 29, 38
Decimal	3153190
CIE _{Lab}	13.51, 11.01, -2.28
CIE _{LCh}	14, 11.245, 348.283
Yxy	1.6470, 0.3522, 0.2889
Android (android.graphics.Color)	4281343270 (0xFF301D26)
YUV	35.7070, 1.1304, 10.7810
Hunter-Lab	12.8337, 5.4715, -0.4676

Details

The Hex color **301D26** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D3027**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5F4953**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301823**, and if you desaturate by 10%, it is **302229**.

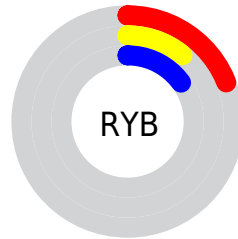
Distribution



Red (19%)

Green (11%)

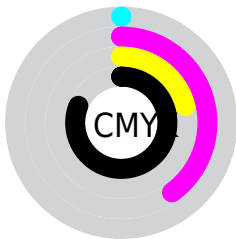
Blue (15%)



Red (19%)

Yellow (11%)

Blue (15%)

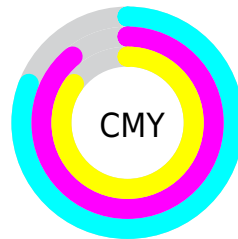


Cyan (0%)

Magenta (40%)

Yellow (21%)

Black (81%)



Cyan (81%)

Magenta (89%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301D26 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 301D26 by changing the saturation by 10% instead.

■ 301D26

■ 301D26

FFFFFF

■ 1C0411

■ 5F4953

■ 000000

■ 77616B

■ 917A84

■ AC939E

■ C7AEB9

■ E3C9D5

■ FFE6F1

■ 301D26

■ 301D26

■ 301823

■ 302229

■ 301321

■ 30272B

■ 300F1E

■ 302B2E

■ 300A1C

■ 303030

■ 300519

■ 303533

■ 300017

■ 303A35

■ 303F38

■ 30433A

■ 30483D

Harmonies

Analogous

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



291F2D



301D26



321D1E

Triad

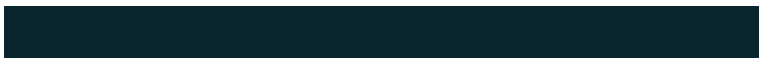
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



301D26



232414



09262E

Complementary

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



301D26



1D3027

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.



092727



301D26



1A2618

Square

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



301D26



2B2113



11271F



132432

Rectangle

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



301D26



311E19



11271F



08262C

Sweetspot

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



301D26



3D3639



271D30



1F1A1C



9E9E9E



1F1F1F

Same Dimension

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



301D26



3D202E



301D1D



171516



570029



D60065

Inverse Universe

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



301D26



3D202E



1D3030



171516



570029



D60065

Previews

White Background



This preview shows how the Hex color 301D26 looks on a white background.

Color Contrast Check

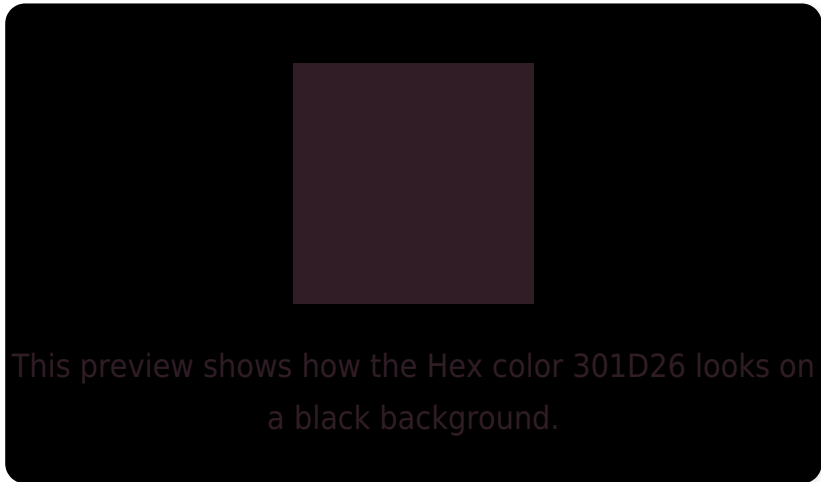
Large Text (above 18pt) WCAG AA ✓ Pass

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

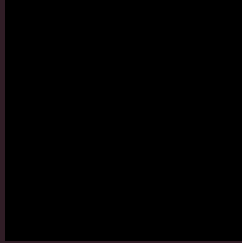
Any Text WCAG AA × Fail

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 301D26 Background



This preview shows how black text looks on a background with the Hex color 301D26.

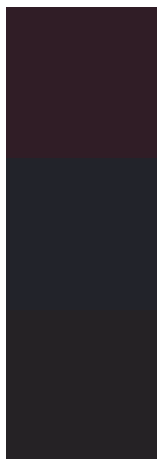


This preview shows how white text looks on a background with the Hex color 301D26.

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
301D26

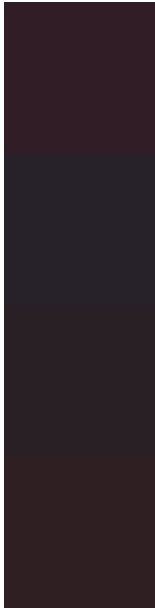
Protanopia
22232A

Deuteranopia
252225



Tritanopia
2F1E20

Trichromacy



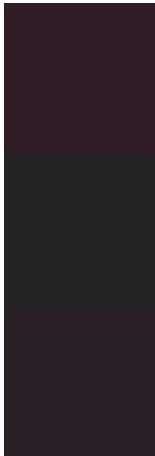
Original Color
301D26

Protanomaly
272129

Deuteranomaly
292025

Tritanomaly
2F1E22

Monochromacy



Original Color
301D26

Achromatopsia
242424

Achromatomaly
282125

CSS Examples

Text

The CSS property to change the color of the text to Hex 301D26 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 #301D26 looks like.

```
.text, #text, p{  
    color:#301D26  
}
```

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 #301D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301D26
}
```

Border

The CSS property to change the border of an element to Hex 301D26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

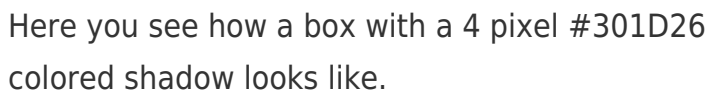
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301D26 }
```

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

```
.border{ border-color:#301D26 }
```

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



Here you see how a box with a 4 pixel #301D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301D26; -webkit-box-shadow:4px 4px  
4px 4px #301D26; box-shadow:4px 4px 4px  
4px #301D26 }
```

Background

The CSS property to change the background color of an element to Hex 301D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301D26 }
```

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

```
.background{ background-color:#301D26 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor