

Converting Colors

Hex(301214)

Have a look what the booklet for
Hex(301214) contains.

Hex(301214)	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(301214)

Conversions

Conversions Part 1

Format	Color
Hex	301214
RGB	48, 18, 20
RGB Percent	19%, 7%, 8%
CMY	0.8118, 0.9294, 0.9216
CMYK	0.00, 0.63, 0.58, 0.81
HSL	356°, 45%, 13%
HSV	356°, 62%, 19%
XYZ	1.5615, 1.1115, 0.7941
YIQ	27.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

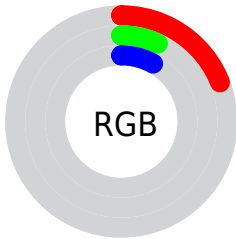
Format	Color
RYB	48, 18, 20
Decimal	3150356
CIELab	9.89, 15.52, 5.69
CIELCh	10, 16.532, 20.131
Yxy	1.1115, 0.4504, 0.3206
Android (android.graphics.Color)	4281340436 (0xFF301214)
YUV	27.1980, -3.5486, 18.2434
Hunter-Lab	10.5428, 7.9880, 2.9143

Details

The Hex color **301214** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12302E**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **603D3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300D10**, and if you desaturate by 10%, it is **301718**.

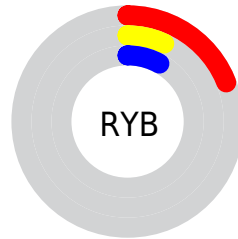
Distribution



Red (19%)

Green (7%)

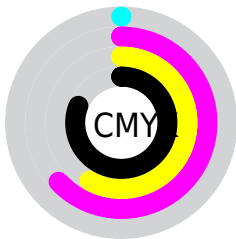
Blue (8%)



Red (19%)

Yellow (7%)

Blue (8%)

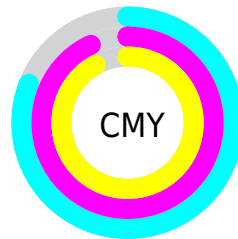


Cyan (0%)

Magenta (63%)

Yellow (58%)

Black (81%)



Cyan (81%)

Magenta (93%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301214 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 301214 by changing the saturation by 10% instead.



301214



301214



FFF4F4



1C0001



603D3E



000000



7A5555



946D6E



AF8687



CBA1A1



E7BCBC



FFD8D8



301214



301214

■ 300D10

■ 301718

■ 30080B

■ 301C1D

■ 300407

■ 302021

■ 300003

■ 302526

■ 302A2A

■ 302F2F

■ 303433

■ 303838

■ 303D3C

Harmonies

Analogous

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



2E121F



301214



2D1506

Triad

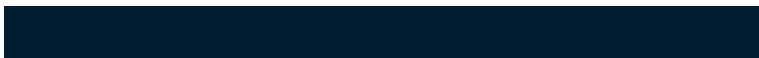
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



301214



0E1F0A



001E31

Complementary

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



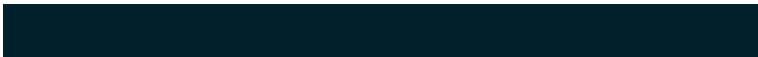
301214



12302E

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.



00202C



301214



002117

Square

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



301214



1C1D00



002123



161A30

Rectangle

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



301214



291800



002123



001E30

Sweetspot

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



301214



3D3232



2E1230



1F1818



9E9E9E



1F1F1F

Same Dimension

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



301214



3D0F12



301F12



171515



570006



D6000E

Inverse Universe

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



301214



3D0F12



122330



171515



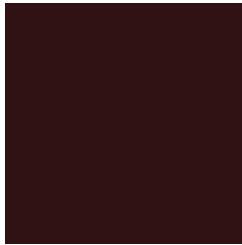
570006



D6000E

Previews

White Background



This preview shows how the Hex color 301214 looks on a white background.

Color Contrast Check

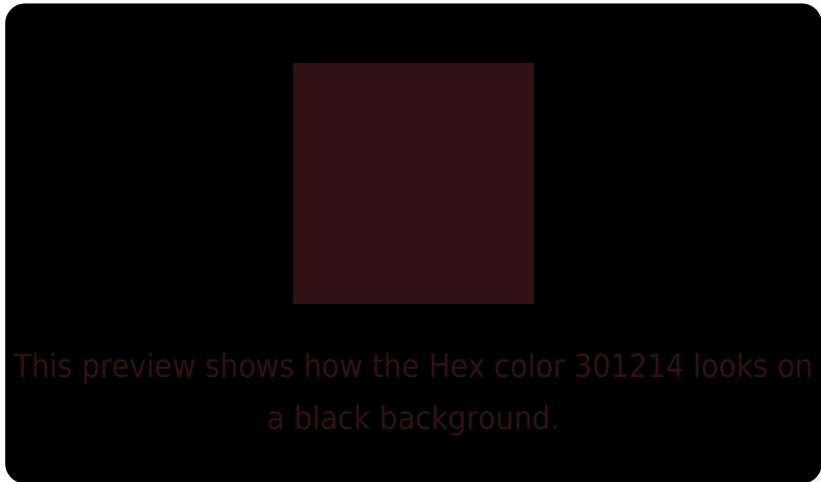
Large Text (above 18pt) WCAG AA ✓ Pass

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 301214 Background



This preview shows how black text looks on a background with the Hex color 301214.

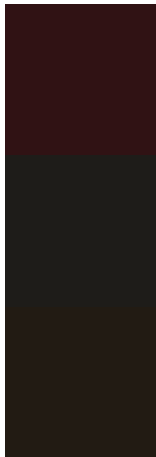


This preview shows how white text looks on a background with the Hex color 301214.

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

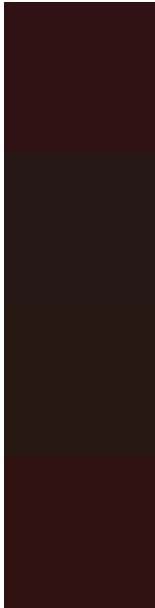


Original Color
301214

Protanopia
1E1C19

Deuteranopia
221B13

Trichromacy



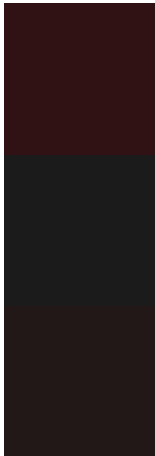
Original Color
301214

Protanomaly
251817

Deuteranomaly
271813

Tritanomaly
301213

Monochromacy



Original Color
301214

Achromatopsia
1B1B1B

Achromatomaly
231818

CSS Examples

Text

The CSS property to change the color of the text to Hex 301214 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 #301214 looks like.

```
.text, #text, p{  
    color:#301214  
}
```

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 #301214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301214
}
```

Border

The CSS property to change the border of an element to Hex 301214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

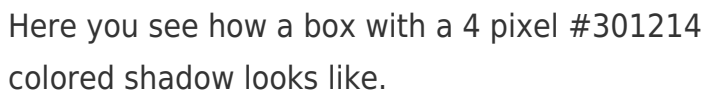
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301214 }
```

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

```
.border{ border-color:#301214 }
```

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



Here you see how a box with a 4 pixel #301214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301214; -webkit-box-shadow:4px 4px  
4px 4px #301214; box-shadow:4px 4px 4px  
4px #301214 }
```

Background

The CSS property to change the background color of an element to Hex 301214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301214 }
```

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

```
.background{ background-color:#301214 }
```

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