

Converting Colors

Hex(301032)

Have a look what the booklet for
Hex(301032) contains.

Hex(301032)	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(301032)

Conversions

Conversions Part 1

Format	Color
Hex	301032
RGB	48, 16, 50
RGB Percent	19%, 6%, 20%
CMY	0.8118, 0.9373, 0.8039
CMYK	0.04, 0.68, 0.00, 0.80
HSL	296°, 52%, 13%
HSV	296°, 68%, 20%
XYZ	1.9799, 1.2292, 3.1505
YIQ	29.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

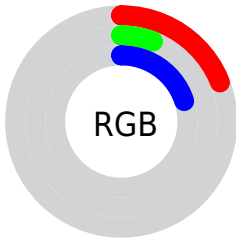
Format	Color
RYB	48, 16, 50
Decimal	3149874
CIELab	10.77, 22.18, -15.24
CIELCh	11, 26.914, 325.504
Yxy	1.2292, 0.3113, 0.1933
Android (android.graphics.Color)	4281339954 (0xFF301032)
YUV	29.4440, 10.1341, 16.2736
Hunter-Lab	11.0872, 12.4739, -9.0868

Details

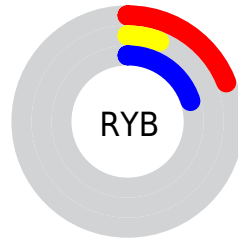
The Hex color **301032** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **123210**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5F3C60**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300B32**, and if you desaturate by 10%, it is **301532**.

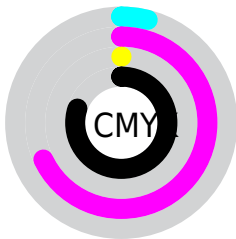
Distribution



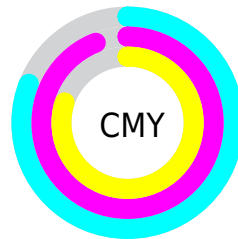
- Red (19%)
- Green (6%)
- Blue (20%)



- Red (19%)
- Yellow (6%)
- Blue (20%)



- Cyan (4%)
- Magenta (68%)
- Yellow (0%)
- Black (80%)



- Cyan (81%)
- Magenta (94%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301032 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 301032 by changing the saturation by 10% instead.

 301032

 301032

 FFF4FF

 1E001D

 5F3C60

 000000

 795479

 936C93

 AE86AE

 C9A0C9

 E5BBE5

 FFD7FF

 301032

 301032

■ 300B32

■ 301532

■ 2F0632

■ 311A32

■ 2F0132

■ 311F32

■ 2F0032

■ 312432

■ 312932

■ 322E32

■ 323332

■ 323832

■ 333D32

Harmonies

Analogous

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



16193E



301032



3B0821

Triad

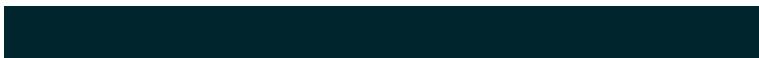
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



301032



281B00



00252C

Complementary

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



301032



123210

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.



00251A



301032



172000

Square

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



301032



351300



002401



00243B

Rectangle

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



301032



3D0914



002401



002626

Sweetspot

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



301032



3F3340



101232



211921



A1A1A1



212121

Same Dimension

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



301032



3D0B40



321023



19171A



540059



CC00D9

Inverse Universe

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



321012



400B0F



10321F



1A1717



590005



D9000D

Previews

White Background



This preview shows how the Hex color 301032 looks on a white background.

Color Contrast Check

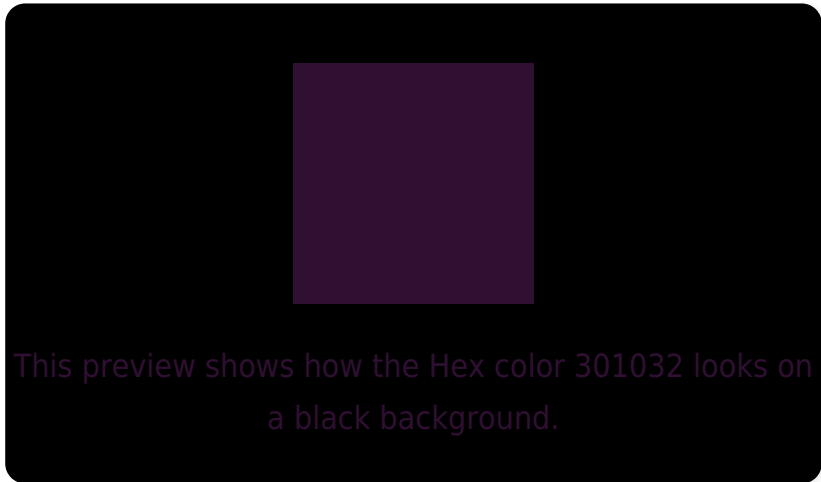
Large Text (above 18pt) WCAG AA ✓ Pass

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

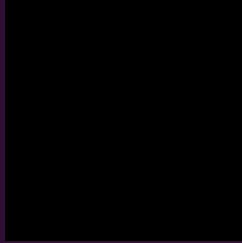
Any Text WCAG AA × Fail

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 301032 Background



This preview shows how black text looks on a background with the Hex color 301032.



This preview shows how white text looks on a background with the Hex color 301032.

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
301032

Protanopia
001D3E

Deuteranopia
151E30



Tritanopia
2D181A

Trichromacy



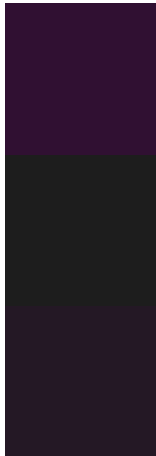
Original Color
301032

Protanomaly
11183A

Deuteranomaly
1F1931

Tritanomaly
2E1523

Monochromacy



Original Color
301032

Achromatopsia
1D1D1D

Achromatomaly
241825

CSS Examples

Text

The CSS property to change the color of the text to Hex 301032 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 #301032 looks like.

```
.text, #text, p{  
    color:#301032  
}
```

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 #301032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301032
}
```

Border

The CSS property to change the border of an element to Hex 301032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

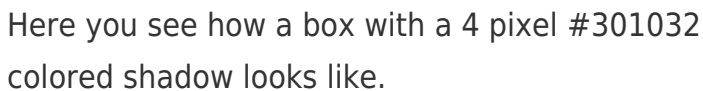
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301032 }
```

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

```
.border{ border-color:#301032 }
```

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



Here you see how a box with a 4 pixel #301032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301032; -webkit-box-shadow:4px 4px  
4px 4px #301032; box-shadow:4px 4px 4px  
4px #301032 }
```

Background

The CSS property to change the background color of an element to Hex 301032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301032 }
```

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

```
.background{ background-color:#301032 }
```

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