

Converting Colors

Hex(301840)

Have a look what the booklet for
Hex(301840) contains.

Hex(301840)	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(301840)

Conversions

Conversions Part 1

Format	Color
Hex	301840
RGB	48, 24, 64
RGB Percent	19%, 9%, 25%
CMY	0.8118, 0.9059, 0.7490
CMYK	0.25, 0.62, 0.00, 0.75
HSL	276°, 45%, 17%
HSV	276°, 62%, 25%
XYZ	2.4710, 1.6518, 5.0391
YIQ	35.7360, 1.4640, 17.5280

Conversions

Conversions Part 2

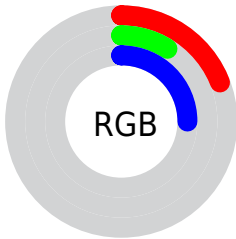
Format	Color
RYB	48, 24, 64
Decimal	3151936
CIELab	13.54, 20.78, -20.87
CIELCh	14, 29.453, 314.878
Yxy	1.6518, 0.2697, 0.1803
Android (android.graphics.Color)	4281342016 (0xFF301840)
YUV	35.7360, 13.9342, 10.7555
Hunter-Lab	12.8523, 11.8268, -14.2496

Details

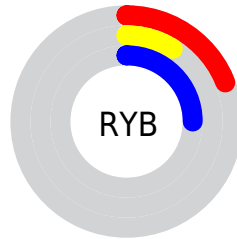
The Hex color **301840** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **284018**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **604470**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **2D1240**, and if you desaturate by 10%, it is **331E40**.

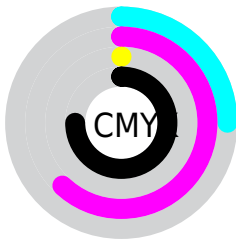
Distribution



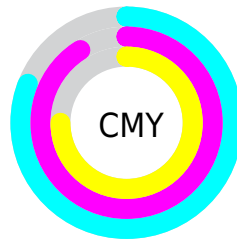
- Red (19%)
- Green (9%)
- Blue (25%)



- Red (19%)
- Yellow (9%)
- Blue (25%)



- Cyan (25%)
- Magenta (62%)
- Yellow (0%)
- Black (75%)



- Cyan (81%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301840 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 301840 by changing the saturation by 10% instead.

■ 301840

■ 301840

■ FFFDFF

■ 1C002A

■ 604470

■ 000114

■ 795C8A

■ 000000

■ 9375A4

■ AE8FBF

■ C9A9DB

■ E6C4F8

■ FFE1FF

■ 301840

■ 301840

■ 2D1240

■ 331E40

■ 2B0B40

■ 352540

■ 280540

■ 382B40

■ 260040

■ 3A3240

■ 3D3840

■ 3F3E40

■ 424540

■ 444B40

■ 475240

Harmonies

Analogous

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



04224B



301840



420E2E

Triad

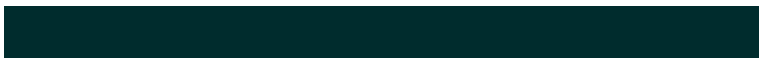
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



301840



351E00



002C2D

Complementary

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



301840



284018

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.



002B17



301840



232500

Square

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



301840



421400



0C2900



002B3F

Rectangle

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



301840



460B20



0C2900



002C26

Sweetspot

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



301840



4E4454



182840



27212B



ABABAB



2B2B2B

Same Dimension

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



301840



3B1554



40183C



201E21



3A0061



8700E0

Inverse Universe

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



401828



54152E



18401C



211E1F



610027



E0005A

Previews

White Background



This preview shows how the Hex color 301840 looks on a white background.

Color Contrast Check

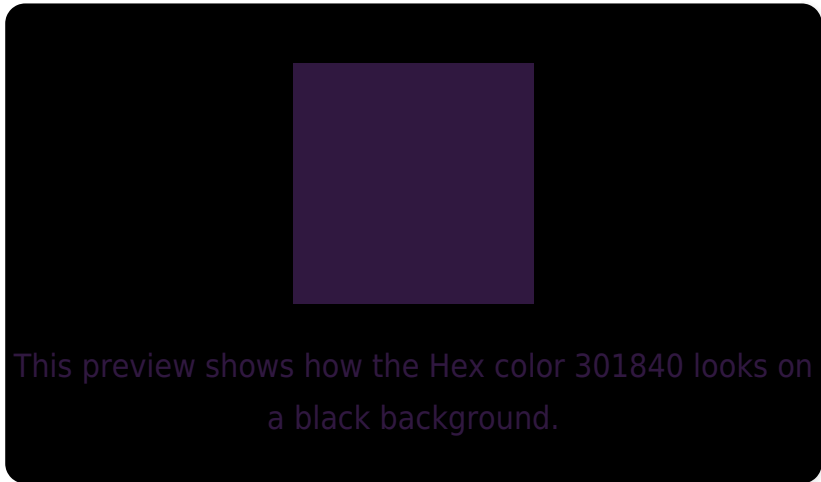
Large Text (above 18pt) WCAG AA ✓ Pass

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

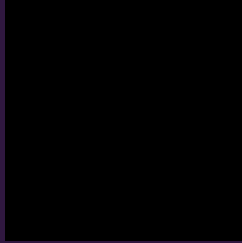
Any Text WCAG AA × Fail

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 301840 Background



This preview shows how black text looks on a background with the Hex color 301840.



This preview shows how white text looks on a background with the Hex color 301840.

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
301840

Protanopia
002249

Deuteranopia
0E243E

Trichromacy



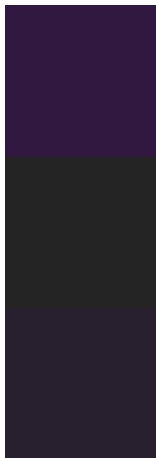
Original Color
301840

Protanomaly
111E46

Deuteranomaly
1A203F

Tritanomaly
2D1D2E

Monochromacy



Original Color
301840

Achromatopsia
242424

Achromatomaly
28202E

CSS Examples

Text

The CSS property to change the color of the text to Hex 301840 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 #301840 looks like.

```
.text, #text, p{  
    color:#301840  
}
```

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 #301840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301840
}
```

Border

The CSS property to change the border of an element to Hex 301840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

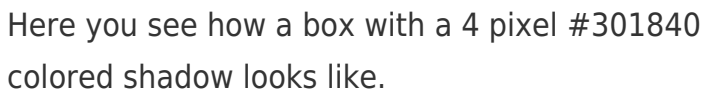
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301840 }
```

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

```
.border{ border-color:#301840 }
```

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



Here you see how a box with a 4 pixel #301840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301840; -webkit-box-shadow:4px 4px  
4px 4px #301840; box-shadow:4px 4px 4px  
4px #301840 }
```

Background

The CSS property to change the background color of an element to Hex 301840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301840 }
```

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

```
.background{ background-color:#301840 }
```

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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