

Converting Colors

Hex(301C50)

Have a look what the booklet for
Hex(301C50) contains.

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Color

Hex(301C50)

Conversions

Conversions Part 1

Format	Color
Hex	301C50
RGB	48, 28, 80
RGB Percent	19%, 11%, 31%
CMY	0.8118, 0.8902, 0.6863
CMYK	0.40, 0.65, 0.00, 0.69
HSL	263°, 48%, 21%
HSV	263°, 65%, 31%
XYZ	3.0821, 2.0381, 7.8204
YIQ	39.9080, -4.7720, 20.4120

Conversions

Conversions Part 2

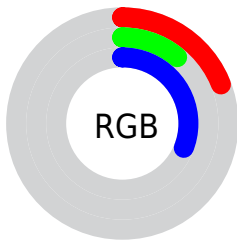
Format	Color
R_{YB}	48, 28, 80
Decimal	3152976
CIE _{Lab}	15.69, 22.87, -28.50
CIE _{LCh}	16, 36.544, 308.738
Yxy	2.0381, 0.2382, 0.1575
Android (android.graphics.Color)	4281343056 (0xFF301C50)
YUV	39.9080, 19.7654, 7.0967
Hunter-Lab	14.2761, 13.5541, -22.4854




Details

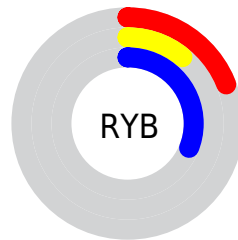
The Hex color **301C50** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3C501C**, and the grayscale version is **282828**.




A 20% lighter version of the original color is **614982**, and **000023** is the 20% darker color. If you saturate the color by 10%, you get **2B1450**, and if you desaturate by 10%, it is **352450**.

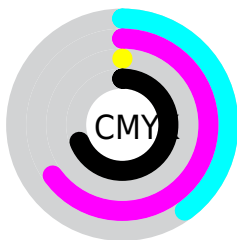
Distribution







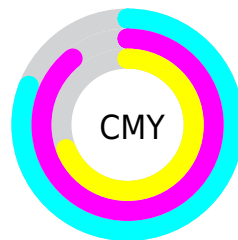
-  Red (19%)
-  Green (11%)
-  Blue (31%)






-  Red (19%)
-  Yellow (11%)
-  Blue (31%)



-  Cyan (40%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (81%)
-  Magenta (89%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301C50 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 301C50 by changing the saturation by 10% instead.

■ 301C50

■ 301C50

FFFFFF

■ 190639

■ 614982

■ 000023

■ 7A619C

■ 000009

■ 957AB7

■ 000000

■ B094D3

■ CCAEEF

■ E8CAFF

■ FFE6FF

■ 301C50

■ 301C50

■ 2B1450

■ 352450

■ 260C50

■ 3A2C50

■ 210450

■ 3F3450

■ 1F0050

■ 443C50

■ 494450

■ 4E4C50

■ 525450

■ 575C50

■ 5C6450

Harmonies

Analogous

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



00285B



301C50



4B0B3A

Triad

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



301C50



401F00



00322E

Complementary

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



301C50



3C501C

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.



003113



301C50



2B2800

Square

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



301C50



4F1003



0F2E00



003247

Rectangle

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



301C50



520329



0F2E00



003225

Sweetspot

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



301C50



5C5469



1C3C50



2E2936



B5B5B5



363636

Same Dimension

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



301C50



361769



4A1C50



262529



280069



5900E8

Inverse Universe

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



501C3C



691749



22501C



292527



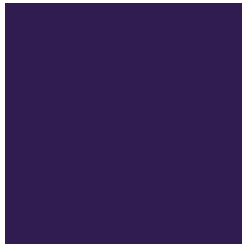
690040



E8008F

Previews

White Background



This preview shows how the Hex color 301C50 looks on a white background.

Color Contrast Check

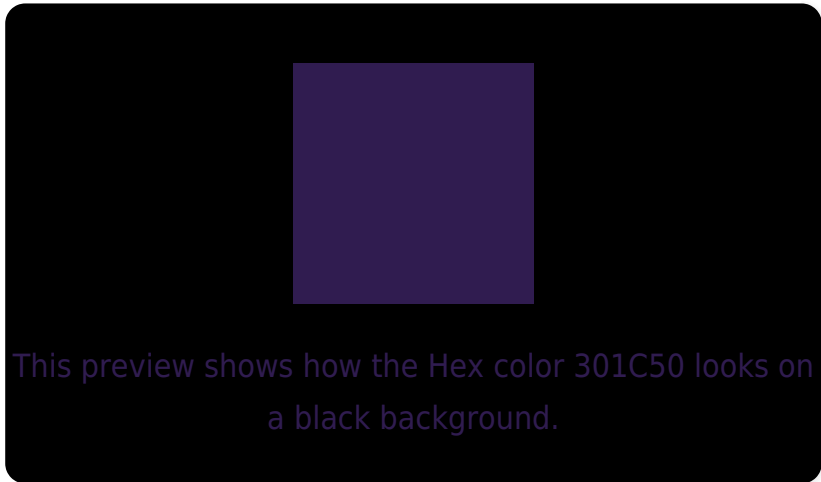
Large Text (above 18pt) WCAG AA ✓ Pass

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

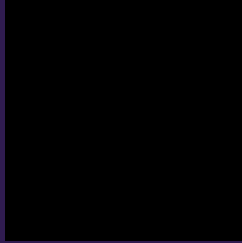
Any Text WCAG AA × Fail

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 301C50 Background



This preview shows how black text looks on a background with the Hex color 301C50.



This preview shows how white text looks on a background with the Hex color 301C50.

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](#).

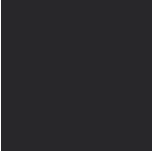
Dichromacy



Original Color
301C50

Protanopia
002651

Deuteranopia
002947



Tritanopia
28272A

Trichromacy



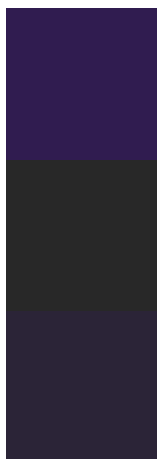
Original Color
301C50

Protanomaly
112251

Deuteranomaly
11244A

Tritanomaly
2B2338

Monochromacy



Original Color
301C50

Achromatopsia
282828

Achromatomaly
2B2437

CSS Examples

Text

The CSS property to change the color of the text to Hex 301C50 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 #301C50 looks like.

```
.text, #text, p{  
    color:#301C50  
}
```

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 #301C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301C50
}
```

Border

The CSS property to change the border of an element to Hex 301C50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

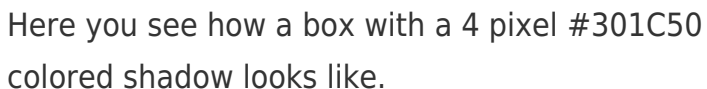
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301C50 }
```

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

```
.border{ border-color:#301C50 }
```

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



Here you see how a box with a 4 pixel #301C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301C50; -webkit-box-shadow:4px 4px  
4px 4px #301C50; box-shadow:4px 4px 4px  
4px #301C50 }
```

Background

The CSS property to change the background color of an element to Hex 301C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301C50 }
```

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

```
.background{ background-color:#301C50 }
```

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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