

Converting Colors

Hex(301B4B)

Have a look what the booklet for
Hex(301B4B) contains.

Hex(301B4B)	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(301B4B)

Conversions

Conversions Part 1

Format	Color
Hex	301B4B
RGB	48, 27, 75
RGB Percent	19%, 11%, 29%
CMY	0.8118, 0.8941, 0.7059
CMYK	0.36, 0.64, 0.00, 0.71
HSL	266°, 47%, 20%
HSV	266°, 64%, 29%
XYZ	2.8809, 1.9202, 6.8754
YIQ	38.7510, -2.8920, 19.3800

Conversions

Conversions Part 2

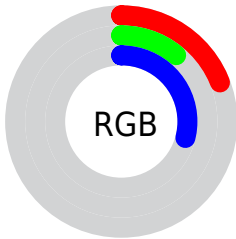
Format	Color
R_{YB}	48, 27, 75
Decimal	3152715
CIE _{Lab}	15.06, 22.00, -26.09
CIE _{LCh}	15, 34.125, 310.147
Yxy	1.9202, 0.2467, 0.1645
Android (android.graphics.Color)	4281342795 (0xFF301B4B)
YUV	38.7510, 17.8708, 8.1114
Hunter-Lab	13.8573, 12.8590, -19.7172

Details

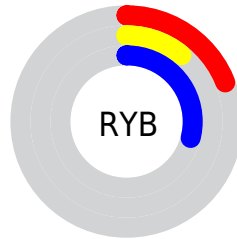
The Hex color **301B4B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **364B1B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **60477C**, and **00011E** is the 20% darker color. If you saturate the color by 10%, you get **2C144B**, and if you desaturate by 10%, it is **34234B**.

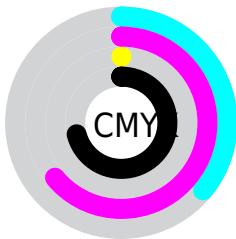
Distribution



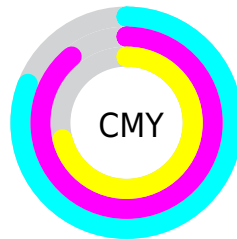
- Red (19%)
- Green (11%)
- Blue (29%)



- Red (19%)
- Yellow (11%)
- Blue (29%)



- Cyan (36%)
- Magenta (64%)
- Yellow (0%)
- Black (71%)



- Cyan (81%)
- Magenta (89%)
- Yellow (71%)
- Black (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301B4B 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 301B4B by changing the saturation by 10% instead.

 301B4B

 301B4B


FFFFFF

 1A043A

 60477C

 00011E

 7A5F96

 000001

 9478B1

 000000

 AF92CD

 CBADE9

 E7C8FF

 FFE4FF

 301B4B

 301B4B

■ 2C144B

■ 34234B

■ 280C4B

■ 382A4B

■ 23054B

■ 3D314B

■ 21004B

■ 41394B

■ 45414B

■ 49484B

■ 4E504B

■ 52574B

■ 565F4B

Harmonies

Analogous

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



002656



301B4B



480D37

Triad

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



301B4B



3D1E00



00302E

Complementary

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



301B4B



364B1B

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.



002F14



301B4B



292700

Square

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



301B4B



4B1202



102C00



003045

Rectangle

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



301B4B



4E0627



102C00



003025

Sweetspot

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



301B4B



574E61



1B364B



2A2530



B0B0B0



303030

Same Dimension

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



301B4B



371661



481B4B



242226



2D0066



6400E6

Inverse Universe

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



4B1B36



611640



1E4B1B



262225



660039



E60081

Previews

White Background



This preview shows how the Hex color 301B4B looks on a white background.

Color Contrast Check

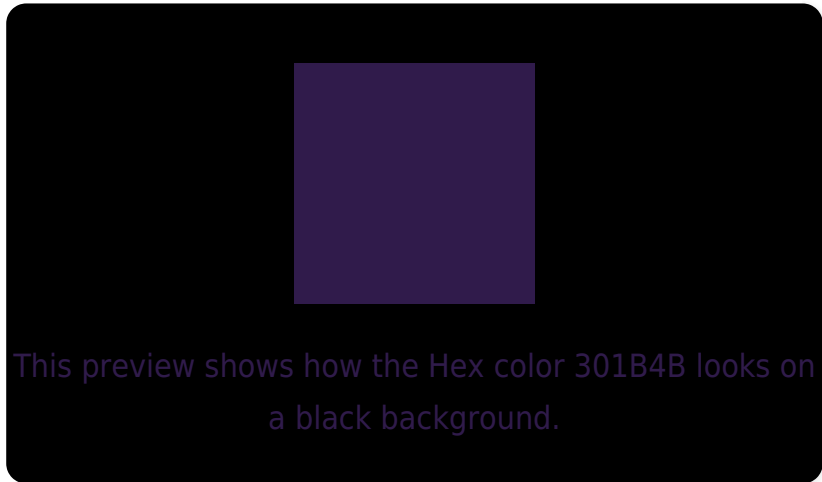
Large Text (above 18pt) WCAG AA ✓ Pass

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

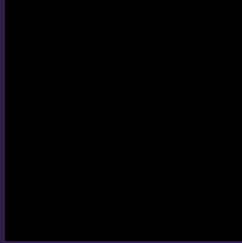
Any Text WCAG AA × Fail

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 301B4B Background



This preview shows how black text looks on a background with the Hex color 301B4B.



This preview shows how white text looks on a background with the Hex color 301B4B.

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
301B4B

Protanopia
00254F

Deuteranopia
002745



Tritanopia
292528

Trichromacy



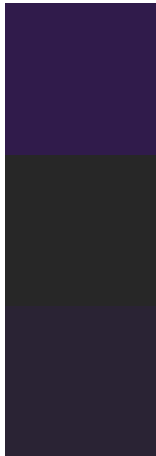
Original Color
301B4B

Protanomaly
11214E

Deuteranomaly
112347

Tritanomaly
2C2135

Monochromacy



Original Color
301B4B

Achromatopsia
272727

Achromatomaly
2A2334

CSS Examples

Text

The CSS property to change the color of the text to Hex 301B4B 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 #301B4B looks like.

```
.text, #text, p{  
    color:#301B4B  
}
```

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 #301B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301B4B
}
```

Border

The CSS property to change the border of an element to Hex 301B4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

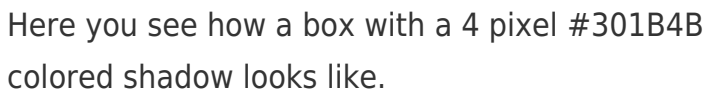
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301B4B }
```

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

```
.border{ border-color:#301B4B }
```

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



Here you see how a box with a 4 pixel #301B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301B4B; -webkit-box-shadow:4px 4px  
4px 4px #301B4B; box-shadow:4px 4px 4px  
4px #301B4B }
```

Background

The CSS property to change the background color of an element to Hex 301B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301B4B }
```

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

```
.background{ background-color:#301B4B }
```

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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