

Converting Colors

Hex(300E4B)

Have a look what the booklet for
Hex(300E4B) contains.

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Color

Hex(300E4B)

Conversions

Conversions Part 1

Format	Color
Hex	300E4B
RGB	48, 14, 75
RGB Percent	19%, 5%, 29%
CMY	0.8118, 0.9451, 0.7059
CMYK	0.36, 0.81, 0.00, 0.71
HSL	273°, 69%, 17%
HSV	273°, 81%, 29%
XYZ	2.6460, 1.4505, 6.7971
YIQ	31.1200, 0.6830, 26.1790

Conversions

Conversions Part 2

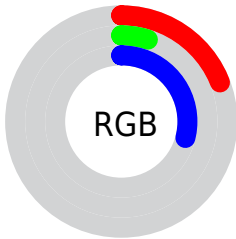
Format	Color
RYB	48, 14, 75
Decimal	3149387
CIELab	12.29, 29.60, -30.56
CIElCh	12, 42.547, 314.082
Yxy	1.4505, 0.2429, 0.1331
Android (android.graphics.Color)	4281339467 (0xFF300E4B)
YUV	31.1200, 21.6328, 14.8038
Hunter-Lab	12.0435, 18.1405, -25.0317

Details

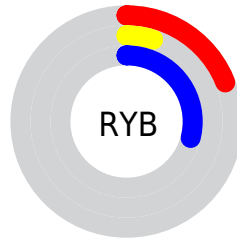
The Hex color **300E4B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **294B0E**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **613C7C**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **2D074B**, and if you desaturate by 10%, it is **33164B**.

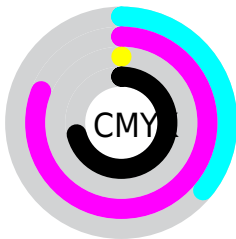
Distribution



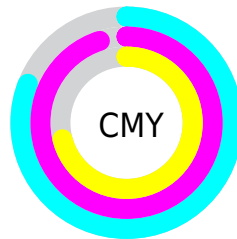
- Red (19%)
- Green (5%)
- Blue (29%)



- Red (19%)
- Yellow (5%)
- Blue (29%)



- Cyan (36%)
- Magenta (81%)
- Yellow (0%)
- Black (71%)



- Cyan (81%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300E4B 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 300E4B by changing the saturation by 10% instead.

■ 300E4B

■ 300E4B

■ FFF4FF

■ 1B0034

■ 613C7C

■ 00021E

■ 7B5397

■ 000000

■ 956CB1

■ B186CD

■ CDA0E9

■ E9BCFF

■ FFD7FF

■ 300E4B

■ 300E4B

■ 2D074B

■ 33164B

■ 2A004B

■ 371D4B

■ 3A254B

■ 3D2C4B

■ 41344B

■ 443B4B

■ 47434B

■ 4B4A4B

■ 4E524B

Harmonies

Analogous

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



00205A



300E4B



4A0031

Triad

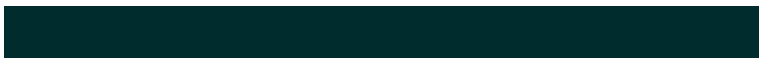
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



300E4B



361900



002C2E

Complementary

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



300E4B



294B0E

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.



002B0E



300E4B



1C2300

Square

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



300E4B



480400



002800



002B49

Rectangle

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



300E4B



50001E



002800



002C23

Sweetspot

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



300E4B



574A61



0E294B



2A2230



B0B0B0



303030

Same Dimension

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



300E4B



370261



4B0E48



252226



390066



8000E6

Inverse Universe

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



4B0E29



61022C



0E4B11



262224



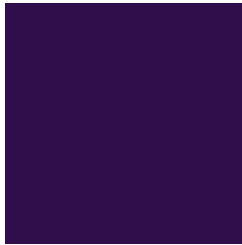
66002D



E60066

Previews

White Background



This preview shows how the Hex color 300E4B looks on a white background.

Color Contrast Check

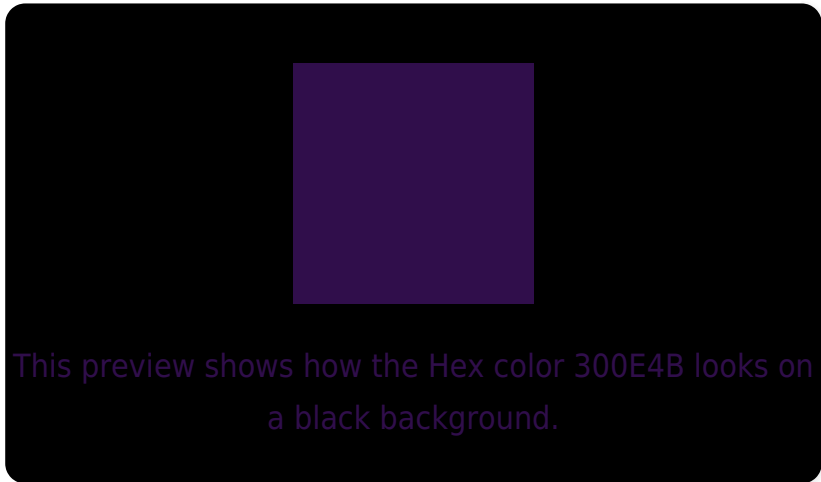
Large Text (above 18pt) WCAG AA ✓ Pass

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

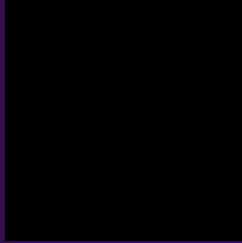
Any Text WCAG AA × Fail

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 300E4B Background



This preview shows how black text looks on a background with the Hex color 300E4B.



This preview shows how white text looks on a background with the Hex color 300E4B.

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
300E4B

Protanopia
002145

Deuteranopia
00233B



Tritanopia
281F22

Trichromacy



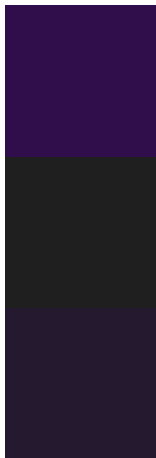
Original Color
300E4B

Protanomaly
111A47

Deuteranomaly
111B41

Tritanomaly
2B1931

Monochromacy



Original Color
300E4B

Achromatopsia
1F1F1F

Achromatomaly
25192F

CSS Examples

Text

The CSS property to change the color of the text to Hex 300E4B 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 #300E4B looks like.

```
.text, #text, p{  
    color:#300E4B  
}
```

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 #300E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300E4B
}
```

Border

The CSS property to change the border of an element to Hex 300E4B 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".

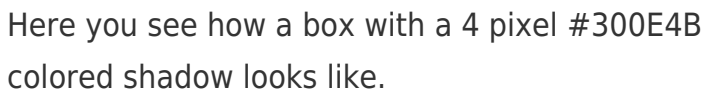
```
.border, #border, table{ border:4px solid
#300E4B }
```

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

```
.border{ border-color:#300E4B }
```

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

Here you see how a box with a 4 pixel #300E4B colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300E4B; -webkit-box-shadow:4px 4px  
4px 4px #300E4B; box-shadow:4px 4px 4px  
4px #300E4B }
```

Background

The CSS property to change the background color of an element to Hex 300E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300E4B }
```

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

```
.background{ background-color:#300E4B }
```

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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