

Converting Colors

Hex(300400)

Have a look what the booklet for
Hex(300400) contains.

Hex(300400)	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>	28

Color

Hex(300400)

Conversions

Conversions Part 1

Format	Color
Hex	300400
RGB	48, 4, 0
RGB Percent	19%, 2%, 0%
CMY	0.8118, 0.9843, 1.0000
CMYK	0.00, 0.92, 1.00, 0.81
HSL	5°, 100%, 9%
HSV	5°, 100%, 19%
XYZ	1.2623, 0.7152, 0.0715
YIQ	16.7000, 27.5080, 8.0840

Conversions

Conversions Part 2

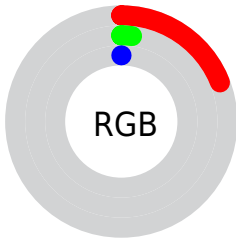
Format	Color
R_{YB}	48, 4, 0
Decimal	3146752
CIE _{Lab}	6.46, 21.60, 10.12
CIE _{LCh}	6, 23.848, 25.099
Yxy	0.7152, 0.6161, 0.3490
Android (android.graphics.Color)	4281336832 (0xFF300400)
YUV	16.7000, -8.2331, 27.4501
Hunter-Lab	8.4570, 11.8441, 5.4185

Details

The Hex color **300400** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002C30**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **613130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300400**, and if you desaturate by 10%, it is **300805**.

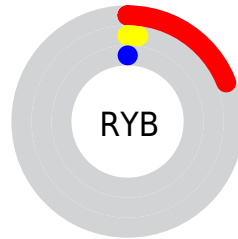
Distribution



Red (19%)

Green (2%)

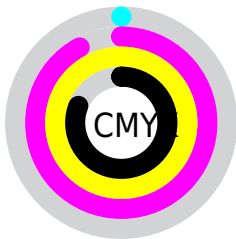
Blue (0%)



Red (19%)

Yellow (2%)

Blue (0%)

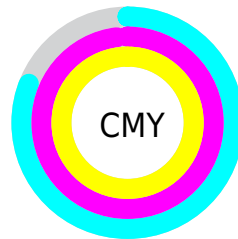


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (81%)



Cyan (81%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300400 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 300400 by changing the saturation by 10% instead.

 300400

 300400

 FFE6E2

 100000

 613130

 000000

 7B4847

 96605E

 B17977

 CD9390

 EAAEAB

 FFC9C6

 300400

■ 300805

■ 300D0A

■ 30110E

■ 301613

■ 301A18

■ 301E1D

■ 302322

■ 302726

■ 302C2B

Harmonies

Analogous

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



2E0318



300400



290B00

Triad

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



300400



001C00



001734

Complementary

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



300400



002C30

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.



001B2E



300400



001E10

Square

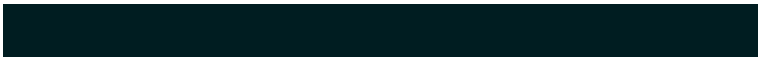
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



300400



0A1800



001D21



0E1131

Rectangle

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



300400



221000



001D21



001933

Sweetspot

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



300400



3D2C2B



30002C



1F1514



9E9E9E



1F1F1F

Same Dimension

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



300400



3D0500



301C00



171515



570700



D61200

Inverse Universe

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



002C30



00383D



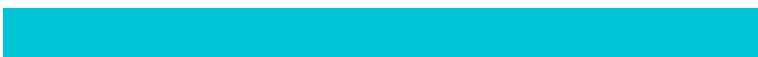
001430



151717



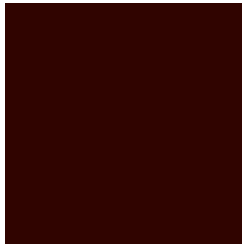
004F57



00C4D6

Previews

White Background



This preview shows how the Hex color 300400 looks on a white background.

Color Contrast Check

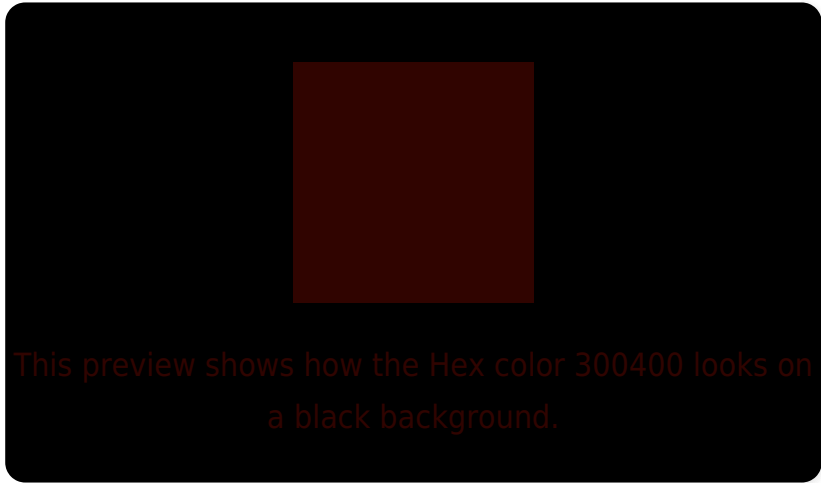
Large Text (above 18pt) WCAG AA ✓ Pass

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

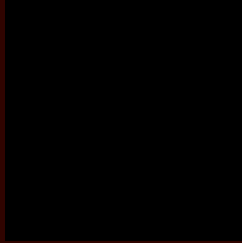
Any Text WCAG AA × Fail

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 300400 Background



This preview shows how black text looks on a background with the Hex color 300400.

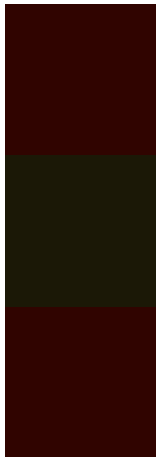


This preview shows how white text looks on a background with the Hex color 300400.

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

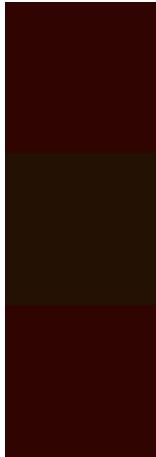


Original Color
300400

Protanopia
1B1806

Tritanopia
300400

Trichromacy

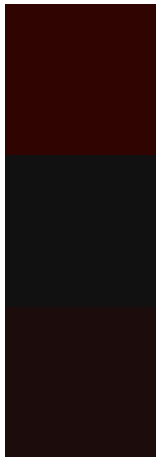


Original Color
300400

Protanomaly
231104

Tritanomaly
300400

Monochromacy



Original Color
300400

Achromatopsia
111111

Achromatomaly
1C0C0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 300400 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 #300400 looks like.

```
.text, #text, p{  
    color:#300400  
}
```

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 #300400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300400
}
```

Border

The CSS property to change the border of an element to Hex 300400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

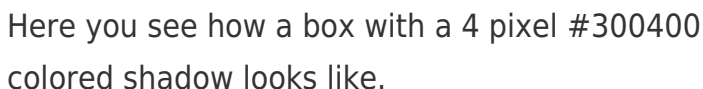
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300400 }
```

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

```
.border{ border-color:#300400 }
```

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



Here you see how a box with a 4 pixel #300400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300400; -webkit-box-shadow:4px 4px  
4px 4px #300400; box-shadow:4px 4px 4px  
4px #300400 }
```

Background

The CSS property to change the background color of an element to Hex 300400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300400 }
```

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

```
.background{ background-color:#300400 }
```

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