

Converting Colors

Hex(303000)

Have a look what the booklet for
Hex(303000) contains.

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Color

Hex(303000)

Conversions

Conversions Part 1

Format	Color
Hex	303000
RGB	48, 48, 0
RGB Percent	19%, 19%, 0%
CMY	0.8118, 0.8118, 1.0000
CMYK	0.00, 0.00, 1.00, 0.81
HSL	60°, 100%, 9%
HSV	60°, 100%, 19%
XYZ	2.2759, 2.7423, 0.4094
YIQ	42.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

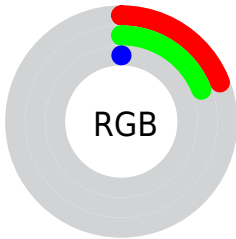
Format	Color
RYB	0, 48, 0
Decimal	3158016
CIELab	18.98, -6.66, 26.87
CIElCh	19, 27.684, 103.930
Yxy	2.7423, 0.4193, 0.5053
Android (android.graphics.Color)	4281348096 (0xFF303000)
YUV	42.5280, -20.9663, 4.7989
Hunter-Lab	16.5598, -4.4478, 10.1262

Details

The Hex color **303000** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000030**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **605E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **303000**, and if you desaturate by 10%, it is **303005**.

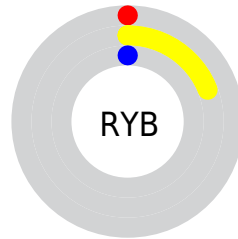
Distribution



Red (19%)

Green (19%)

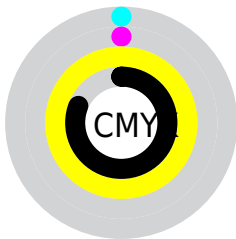
Blue (0%)



Red (0%)

Yellow (19%)

Blue (0%)

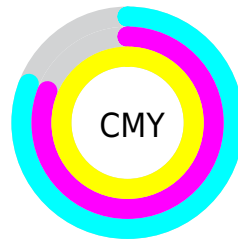


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303000 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 303000 by changing the saturation by 10% instead.

 303000

 303000

 FFFFE4

 191B00

 605E2F

 000000

 797646

 93905E

 AEAA77

 CAC691

 E7E2AC

 FFFEC8

 303000

■ 303005

■ 30300A

■ 30300E

■ 303013

■ 303018

■ 30301D

■ 303022

■ 303026

■ 30302B

Harmonies

Analogous

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



422902



303000



19350F

Triad

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



303000



00374A



4D1D3A

Complementary

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



303000



000030

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.



3B254B



303000



003355

Square

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



303000



003837



182D55



531B26

Rectangle

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



303000



00361C



182D55



481F40

Sweetspot

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



303000



3D3D2B



300000



1F1F14



9E9E9E



1F1F1F

Same Dimension

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



303000



3D3D00



183000



171715



575700



D6D600

Inverse Universe

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



000030



00003D



180030



151517



000057



0000D6

Previews

White Background



This preview shows how the Hex color 303000 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

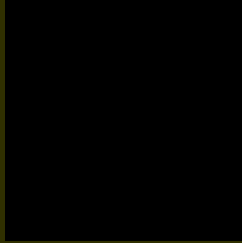
Any Text WCAG AA × Fail

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 303000 Background



This preview shows how black text looks on a background with the Hex color 303000.



This preview shows how white text looks on a background with the Hex color 303000.

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
303000

Protanopia
342F00

Deuteranopia
3B2C07



Tritanopia
332D30

Trichromacy



Original Color
303000

Protanomaly
332F00

Deuteranomaly
372D04

Tritanomaly
322E1F

Monochromacy



Original Color
303000

Achromatopsia
2B2B2B

Achromatomaly
2D2D1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 303000 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 #303000 looks like.

```
.text, #text, p{  
    color:#303000  
}
```

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 #303000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303000
}
```

Border

The CSS property to change the border of an element to Hex 303000 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".

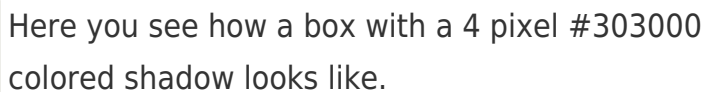
```
.border, #border, table{ border:4px solid
#303000 }
```

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

```
.border{ border-color:#303000 }
```

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

Here you see how a box with a 4 pixel #303000 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303000; -webkit-box-shadow:4px 4px  
4px 4px #303000; box-shadow:4px 4px 4px  
4px #303000 }
```

Background

The CSS property to change the background color of an element to Hex 303000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303000 }
```

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

```
.background{ background-color:#303000 }
```

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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