

Converting Colors

Hex(303700)

Have a look what the booklet for
Hex(303700) contains.

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Color

Hex(303700)

Conversions

Conversions Part 1

Format	Color
Hex	303700
RGB	48, 55, 0
RGB Percent	19%, 22%, 0%
CMY	0.8118, 0.7843, 1.0000
CMYK	0.13, 0.00, 1.00, 0.78
HSL	68°, 100%, 11%
HSV	68°, 100%, 22%
XYZ	2.5851, 3.3608, 0.5124
YIQ	46.6370, 13.4830, -18.5890

Conversions

Conversions Part 2

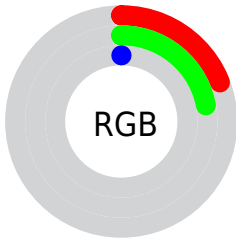
Format	Color
RYB	0, 55, 7
Decimal	3159808
CIELab	21.43, -10.99, 29.63
CIELCh	21, 31.598, 110.350
Yxy	3.3608, 0.4003, 0.5204
Android (android.graphics.Color)	4281349888 (0xFF303700)
YUV	46.6370, -22.9920, 1.1954
Hunter-Lab	18.3324, -6.9107, 11.1753

Details

The Hex color **303700** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **070037**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **60662F**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **303700**, and if you desaturate by 10%, it is **313705**.

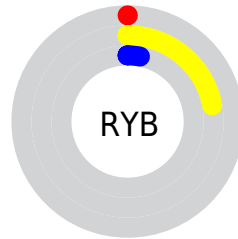
Distribution



Red (19%)

Green (22%)

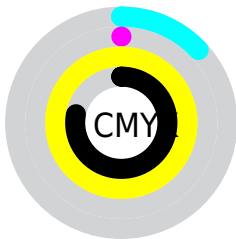
Blue (0%)



Red (0%)

Yellow (22%)

Blue (3%)

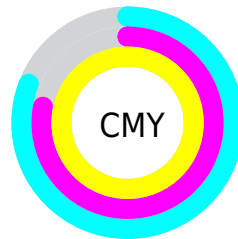


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (78%)



Cyan (81%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303700 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 303700 by changing the saturation by 10% instead.

 303700

 303700

 FFFFE5

 1A2200

 60662F

 000A00

 7A7F47

 000000

 94995F

 AFB378

 CBCF92

 E7EBAD

 FFFFC9

 303700

■ 313705

■ 31370B

■ 323711

■ 333716

■ 34371C

■ 343721

■ 353727

■ 36372C

■ 363732

Harmonies

Analogous

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



453000



303700



113C14

Triad

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



303700



003D57



591D3C

Complementary

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



303700



070037

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.



482651



303700



003861

Square

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



303700



003E43



24305F



5D1D25

Rectangle

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



303700



003D23



24305F



551F44

Sweetspot

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



303700



454732



370600



222417



A3A3A3



242424

Same Dimension

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



303700



3E4700



153700



1C1C19



505C00



BFDB00

Inverse Universe

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



070037



090047



220037



1A191C



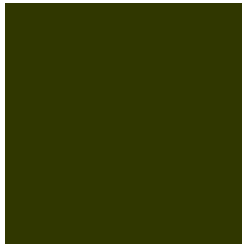
0C005C



1C00DB

Previews

White Background



This preview shows how the Hex color 303700 looks on a white background.

Color Contrast Check

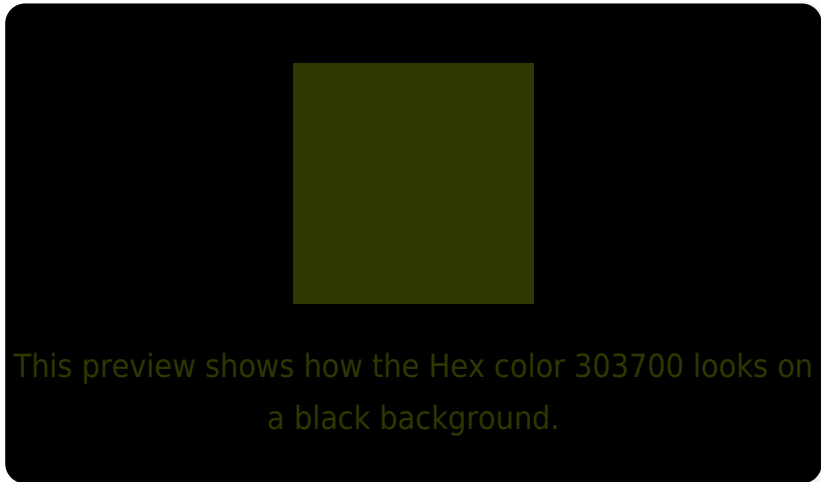
Large Text (above 18pt) WCAG AA ✓ Pass

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

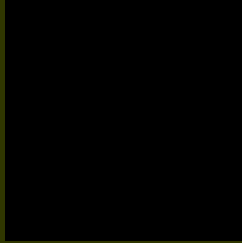
Any Text WCAG AA × Fail

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 303700 Background



This preview shows how black text looks on a background with the Hex color 303700.

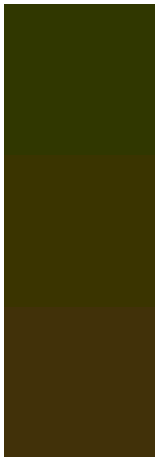


This preview shows how white text looks on a background with the Hex color 303700.

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
303700

Protanopia
3A3400

Deuteranopia
413109



Tritanopia
343337

Trichromacy



Original Color
303700

Protanomaly
363500

Deuteranomaly
3B3306

Tritanomaly
333423

Monochromacy



Original Color
303700

Achromatopsia
2F2F2F

Achromatomaly
2F321E

CSS Examples

Text

The CSS property to change the color of the text to Hex 303700 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 #303700 looks like.

```
.text, #text, p{  
    color:#303700  
}
```

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 #303700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303700
}
```

Border

The CSS property to change the border of an element to Hex 303700 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
#303700 }
```

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

```
.border{ border-color:#303700 }
```

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

Here you see how a box with a 4 pixel #303700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303700; -webkit-box-shadow:4px 4px  
4px 4px #303700; box-shadow:4px 4px 4px  
4px #303700 }
```

Background

The CSS property to change the background color of an element to Hex 303700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303700 }
```

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

```
.background{ background-color:#303700 }
```

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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