

Converting Colors

Hex(303017)

Have a look what the booklet for
Hex(303017) contains.

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Color

Hex(303017)

Conversions

Conversions Part 1

Format	Color
Hex	303017
RGB	48, 48, 23
RGB Percent	19%, 19%, 9%
CMY	0.8118, 0.8118, 0.9098
CMYK	0.00, 0.00, 0.52, 0.81
HSL	60°, 35%, 14%
HSV	60°, 52%, 19%
XYZ	2.4305, 2.8041, 1.2238
YIQ	45.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

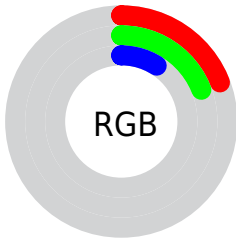
Format	Color
RYB	23, 48, 23
Decimal	3158039
CIELab	19.24, -4.60, 15.96
CIELCh	19, 16.611, 106.066
Yxy	2.8041, 0.3763, 0.4342
Android (android.graphics.Color)	4281348119 (0xFF303017)
YUV	45.1500, -10.9200, 2.4995
Hunter-Lab	16.7456, -3.3965, 7.3890

Details

The Hex color **303017** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **171730**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5F5E42**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **303012**, and if you desaturate by 10%, it is **30301C**.

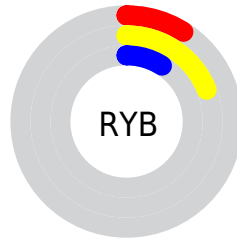
Distribution



Red (19%)

Green (19%)

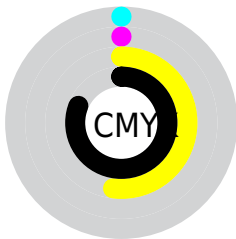
Blue (9%)



Red (9%)

Yellow (19%)

Blue (9%)

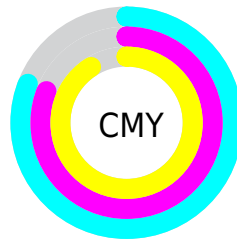


Cyan (0%)

Magenta (0%)

Yellow (52%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303017 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 303017 by changing the saturation by 10% instead.

 303017

 303017

 FFFFFA

 1D1B00

 5F5E42

 000000

 78775A

 929073

 ACAB8C

 C8C6A7

 E4E2C2

 FFFFDE

 303017

 303017

■ 303012

■ 30301C

■ 30300D

■ 303021

■ 303009

■ 303025

■ 303004

■ 30302A

■ 303000

■ 30302F

■ 303034

■ 303039

■ 30303D

■ 303042

Harmonies

Analogous

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



3B2C17



303017



22331D

Triad

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



303017



003440



432635

Complementary

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



303017



171730

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.



38293F



303017



113246

Square

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



303017



003535



272E46



462529

Rectangle

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



303017



183424



272E46



402739

Sweetspot

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



303017



3D3D33



301717



1F1F19



9E9E9E



1F1F1F

Same Dimension

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



303017



3D3D17



233017



171715



575700



D6D600

Inverse Universe

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



171730



17173D



231730



151517



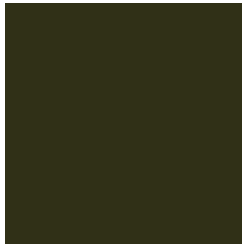
000057



0000D6

Previews

White Background



This preview shows how the Hex color 303017 looks on a white background.

Color Contrast Check

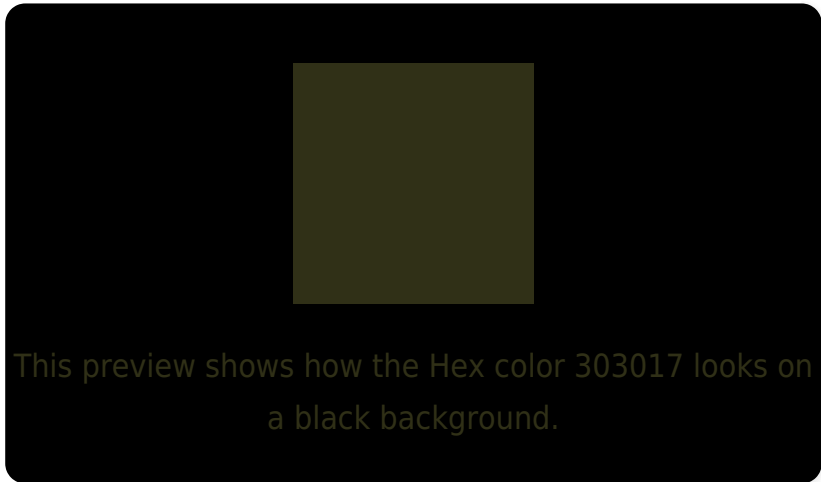
Large Text (above 18pt) WCAG AA ✓ Pass

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

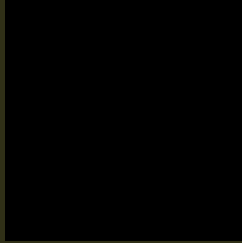
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

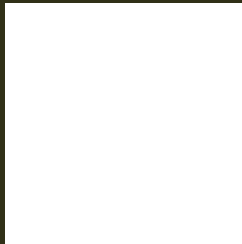
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 303017 Background



This preview shows how black text looks on a background with the Hex color 303017.

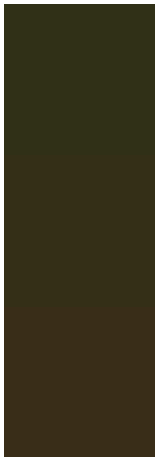


This preview shows how white text looks on a background with the Hex color 303017.

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
303017

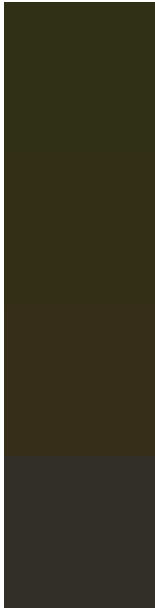
Protanopia
342F17

Deuteranopia
392D18



Tritanopia
332D31

Trichromacy



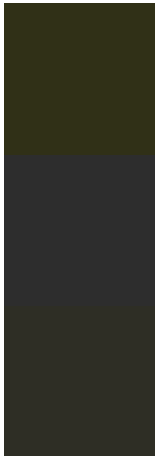
Original Color
303017

Protanomaly
332F17

Deuteranomaly
362E18

Tritanomaly
322E28

Monochromacy



Original Color
303017

Achromatopsia
2D2D2D

Achromatomaly
2E2E25

CSS Examples

Text

The CSS property to change the color of the text to Hex 303017 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 #303017 looks like.

```
.text, #text, p{  
    color:#303017  
}
```

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 #303017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303017
}
```

Border

The CSS property to change the border of an element to Hex 303017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

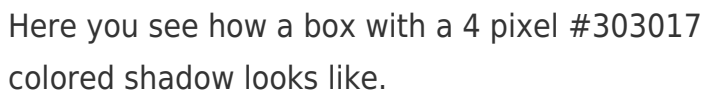
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303017 }
```

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

```
.border{ border-color:#303017 }
```

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



Here you see how a box with a 4 pixel #303017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303017; -webkit-box-shadow:4px 4px  
4px 4px #303017; box-shadow:4px 4px 4px  
4px #303017 }
```

Background

The CSS property to change the background color of an element to Hex 303017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303017 }
```

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

```
.background{ background-color:#303017 }
```

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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