

Converting Colors

Hex(303008)

Have a look what the booklet for
Hex(303008) contains.

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Color

Hex(303008)

Conversions

Conversions Part 1

Format	Color
Hex	303008
RGB	48, 48, 8
RGB Percent	19%, 19%, 3%
CMY	0.8118, 0.8118, 0.9686
CMYK	0.00, 0.00, 0.83, 0.81
HSL	60°, 71%, 11%
HSV	60°, 83%, 19%
XYZ	2.3197, 2.7598, 0.6402
YIQ	43.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

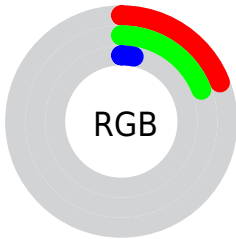
Format	Color
RYB	8, 48, 8
Decimal	3158024
CIELab	19.06, -6.07, 23.70
CIELCh	19, 24.461, 104.359
Yxy	2.7598, 0.4056, 0.4825
Android (android.graphics.Color)	4281348104 (0xFF303008)
YUV	43.4400, -17.4719, 3.9991
Hunter-Lab	16.6127, -4.1474, 9.3442

Details

The Hex color **303008** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **080830**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **605E35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **303003**, and if you desaturate by 10%, it is **30300D**.

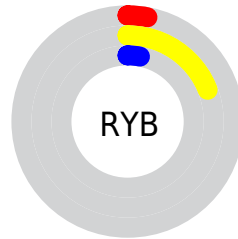
Distribution



Red (19%)

Green (19%)

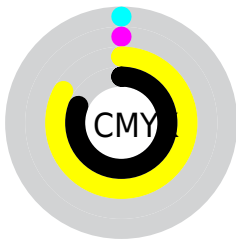
Blue (3%)



Red (3%)

Yellow (19%)

Blue (3%)

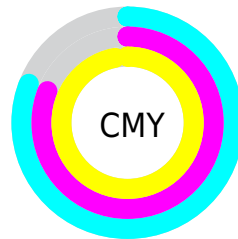


Cyan (0%)

Magenta (0%)

Yellow (83%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303008 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 303008 by changing the saturation by 10% instead.

 303008

 303008

 FFFFEA

 1A1B00

 605E35

 000000

 79764C

 939064

 AEAB7D

 CAC698

 E6E2B2

 FFFECE

 303008

 303008

■ 303003

■ 30300D

■ 303000

■ 303012

■ 303016

■ 30301B

■ 303020

■ 303025

■ 30302A

■ 30302E

■ 303033

Harmonies

Analogous

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



402A0A



303008



1C3414

Triad

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



303008



003647



4A2038

Complementary

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



303008



080830

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.



3A2648



303008



003350

Square

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



303008



003737



1E2D51



4F1E26

Rectangle

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



303008



07361E



1E2D51



46213E

Sweetspot

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



303008



3D3D2E



300808



1F1F15



9E9E9E



1F1F1F

Same Dimension

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



303008



3D3D00



1C3008



171715



575700



D6D600

Inverse Universe

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



080830



00003D



1C0830



151517



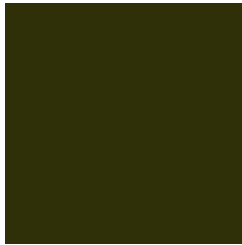
000057



0000D6

Previews

White Background



This preview shows how the Hex color 303008 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

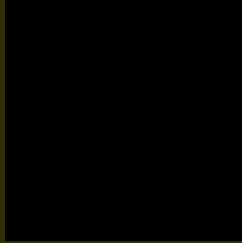
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

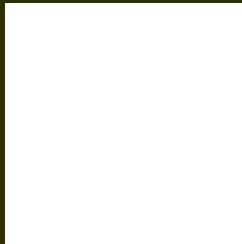
Any Text WCAG AAA × Fail

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

Hex 303008 Background



This preview shows how black text looks on a background with the Hex color 303008.



This preview shows how white text looks on a background with the Hex color 303008.

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
303008

Protanopia
342F08

Deuteranopia
3A2C0A



Tritanopia
332D30

Trichromacy



Original Color

303008

Protanomaly

332F08

Deuteranomaly

362D09

Tritanomaly

322E21

Monochromacy



Original Color

303008

Achromatopsia

2B2B2B

Achromatomaly

2D2D1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 303008 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 #303008 looks like.

```
.text, #text, p{  
    color:#303008  
}
```

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 #303008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303008
}
```

Border

The CSS property to change the border of an element to Hex 303008 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
#303008 }
```

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

```
.border{ border-color:#303008 }
```

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

Here you see how a box with a 4 pixel #303008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303008; -webkit-box-shadow:4px 4px  
4px 4px #303008; box-shadow:4px 4px 4px  
4px #303008 }
```

Background

The CSS property to change the background color of an element to Hex 303008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303008 }
```

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

```
.background{ background-color:#303008 }
```

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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