

Converting Colors

Hex(313818)

Have a look what the booklet for
Hex(313818) contains.

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Color

Hex(313818)

Conversions

Conversions Part 1

Format	Color
Hex	313818
RGB	49, 56, 24
RGB Percent	19%, 22%, 9%
CMY	0.8078, 0.7804, 0.9059
CMYK	0.13, 0.00, 0.57, 0.78
HSL	73°, 40%, 16%
HSV	73°, 57%, 22%
XYZ	2.8457, 3.5473, 1.3989
YIQ	50.2590, 6.1000, -11.4360

Conversions

Conversions Part 2

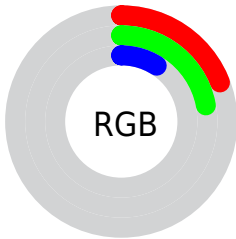
Format	Color
R_{YB}	24, 56, 31
Decimal	3225624
CIE Lab	22.11, -9.03, 18.87
CIE LCh	22, 20.921, 115.567
Yxy	3.5473, 0.3652, 0.4553
Android (android.graphics.Color)	4281415704 (0xFF313818)
YUV	50.2590, -12.9457, -1.1041
Hunter-Lab	18.8342, -5.9902, 8.7803

Details

The Hex color **313818** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1F1838**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **606744**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **303812**, and if you desaturate by 10%, it is **32381E**.

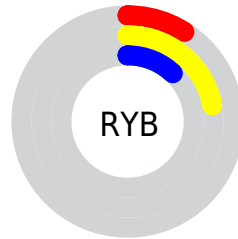
Distribution



Red (19%)

Green (22%)

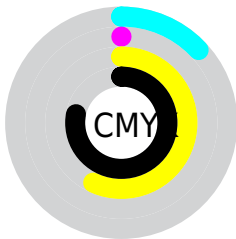
Blue (9%)



Red (9%)

Yellow (22%)

Blue (12%)

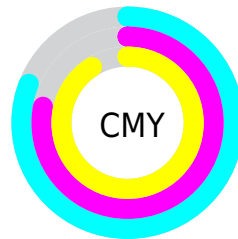


Cyan (13%)

Magenta (0%)

Yellow (57%)

Black (78%)



Cyan (81%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313818 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 313818 by changing the saturation by 10% instead.



313818



313818

FFFFFFD



1D2200



606744



000E00



79805C



000000



939A74



AEB58E



C9D0A9



E6ECC4



FFFFE0



313818



313818

■ 303812

■ 32381E

■ 2F380D

■ 333823

■ 2D3807

■ 353829

■ 2C3802

■ 36382E

■ 2C3800

■ 373834

■ 38383A

■ 3A383F

■ 3B3845

■ 3C384A

Harmonies

Analogous

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



403315



313818



1E3B23

Triad

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



313818



003B4E



502838

Complementary

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



313818



1F1838

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.



462C47



313818



153754

Square

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



313818



003D42



333251



522928

Rectangle

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



313818



0D3C2D



333251



4E293D

Sweetspot

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



313818



474A3D



381F18



25261F



A6A6A6



262626

Same Dimension

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



313818



3F4A17



213818



1B1C19



485C00



ABDB00

Inverse Universe

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



1F1838



22174A



2F1838



1A191C



14005C



3000DB

Previews

White Background



This preview shows how the Hex color 313818 looks on a white background.

Color Contrast Check

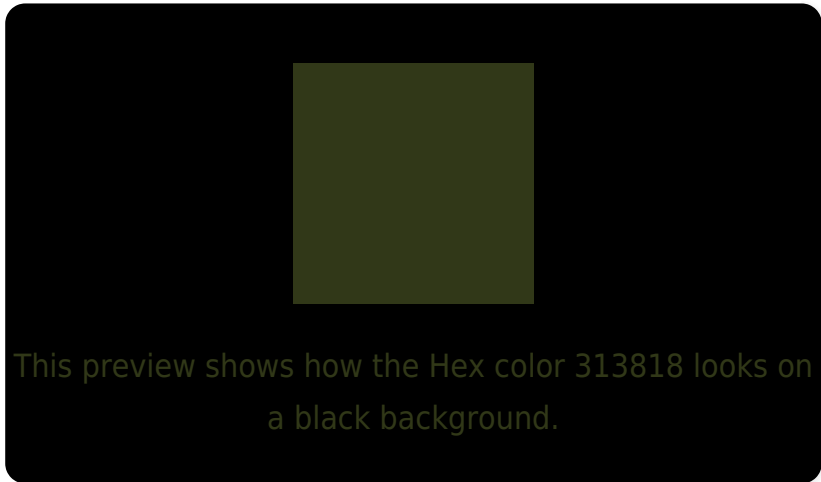
Large Text (above 18pt) WCAG AA ✓ Pass

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

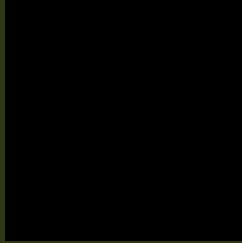
Any Text WCAG AA × Fail

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 313818 Background



This preview shows how black text looks on a background with the Hex color 313818.

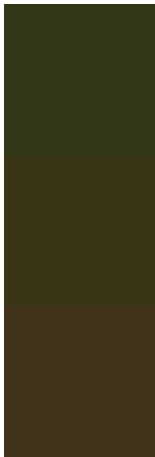


This preview shows how white text looks on a background with the Hex color 313818.

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
313818

Protanopia
3B3517

Deuteranopia
41321A



Tritanopia
353539

Trichromacy



Original Color
313818

Protanomaly
373617

Deuteranomaly
3B3419

Tritanomaly
34362D

Monochromacy



Original Color
313818

Achromatopsia
323232

Achromatomaly
323429

CSS Examples

Text

The CSS property to change the color of the text to Hex 313818 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 #313818 looks like.

```
.text, #text, p{  
    color:#313818  
}
```

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 #313818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313818
}
```

Border

The CSS property to change the border of an element to Hex 313818 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".

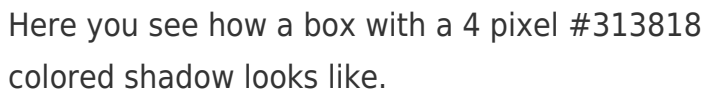
```
.border, #border, table{ border:4px solid
#313818 }
```

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

```
.border{ border-color:#313818 }
```

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

Here you see how a box with a 4 pixel #313818 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313818; -webkit-box-shadow:4px 4px  
4px 4px #313818; box-shadow:4px 4px 4px  
4px #313818 }
```

Background

The CSS property to change the background color of an element to Hex 313818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313818 }
```

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

```
.background{ background-color:#313818 }
```

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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