

Converting Colors

Hex(313829)

Have a look what the booklet for
Hex(313829) contains.

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Color

Hex(313829)

Conversions

Conversions Part 1

Format	Color
Hex	313829
RGB	49, 56, 41
RGB Percent	19%, 22%, 16%
CMY	0.8078, 0.7804, 0.8392
CMYK	0.13, 0.00, 0.27, 0.78
HSL	88°, 15%, 19%
HSV	88°, 27%, 22%
XYZ	3.0810, 3.6414, 2.6383
YIQ	52.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

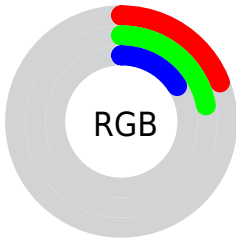
Format	Color
R_{YB}	41, 56, 48
Decimal	3225641
CIE Lab	22.45, -6.30, 8.42
CIE LCh	22, 10.515, 126.825
Yxy	3.6414, 0.3291, 0.3890
Android (android.graphics.Color)	4281415721 (0xFF313829)
YUV	52.1970, -5.5201, -2.8038
Hunter-Lab	19.0825, -4.5739, 5.1604

Details

The Hex color **313829** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302938**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5F6756**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **2E3823**, and if you desaturate by 10%, it is **34382F**.

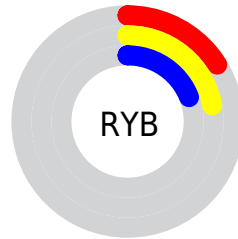
Distribution



Red (19%)

Green (22%)

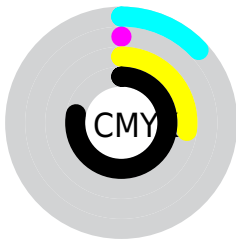
Blue (16%)



Red (16%)

Yellow (22%)

Blue (19%)

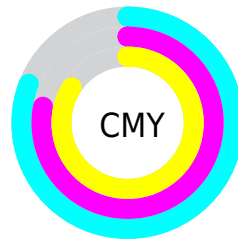


Cyan (13%)

Magenta (0%)

Yellow (27%)

Black (78%)



Cyan (81%)

Magenta (78%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313829 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 313829 by changing the saturation by 10% instead.

■ 313829

■ 313829

FFFFFF

■ 1C2315

■ 5F6756

■ 000D00

■ 78806F

■ 000000

■ 929A88

■ ACB5A2

■ C8D0BD

■ E4ECD9

■ FFFFF5

■ 313829

■ 313829

■ 2E3823

■ 34382F

■ 2C381E

■ 363834

■ 293818

■ 39383A

■ 273813

■ 3B383F

■ 24380D

■ 3E3845

■ 213807

■ 41384B

■ 1F3802

■ 433850

■ 1E3800

■ 463856

■ 49385B

Harmonies

Analogous

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



3A3626



313829



283A2F

Triad

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



313829



253844



453034

Complementary

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



313829



302938

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.



41313C



313829



2F3645

Square

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



313829



1F3A3F



393342



45312D

Rectangle

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



313829



233A35



393342



443037

Sweetspot

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



313829



474A44



383029



242622



A6A6A6



262626

Same Dimension

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



313829



3F4A32



2A3829



1B1C19



315C00



75DB00

Inverse Universe

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



302938



3D324A



382938



1B191C



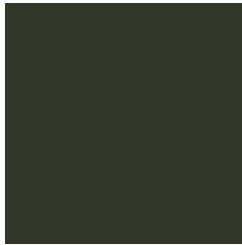
2B005C



6600DB

Previews

White Background



This preview shows how the Hex color 313829 looks on a white background.

Color Contrast Check

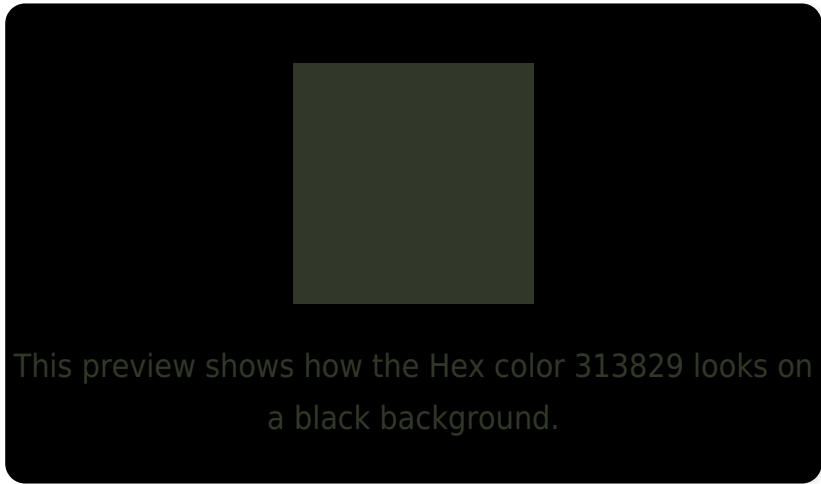
Large Text (above 18pt) WCAG AA ✓ Pass

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

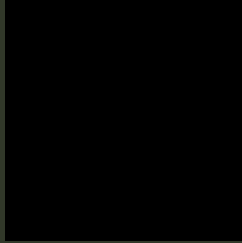
Any Text WCAG AA × Fail

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 313829 Background



This preview shows how black text looks on a background with the Hex color 313829.

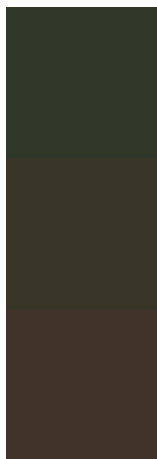


This preview shows how white text looks on a background with the Hex color 313829.

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

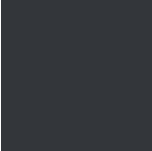
313829

Protanopia

393628

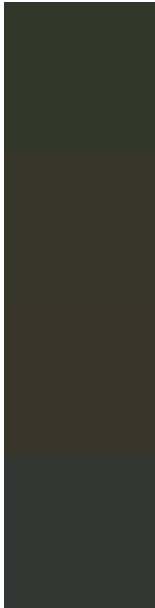
Deuteranopia

3F332A



Tritanopia
33363A

Trichromacy



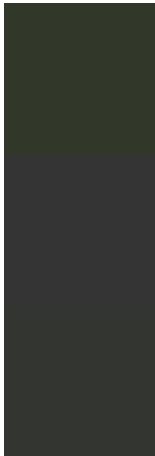
Original Color
313829

Protanomaly
363728

Deuteranomaly
3A352A

Tritanomaly
323734

Monochromacy



Original Color
313829

Achromatopsia
343434

Achromatomaly
333530

CSS Examples

Text

The CSS property to change the color of the text to Hex 313829 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 #313829 looks like.

```
.text, #text, p{  
    color:#313829  
}
```

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 #313829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313829
}
```

Border

The CSS property to change the border of an element to Hex 313829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

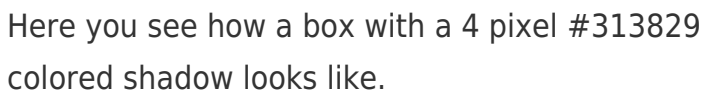
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313829 }
```

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

```
.border{ border-color:#313829 }
```

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



Here you see how a box with a 4 pixel #313829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313829; -webkit-box-shadow:4px 4px  
4px 4px #313829; box-shadow:4px 4px 4px  
4px #313829 }
```

Background

The CSS property to change the background color of an element to Hex 313829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313829 }
```

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

```
.background{ background-color:#313829 }
```

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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