

Converting Colors

Hex(313D30)

Have a look what the booklet for
Hex(313D30) contains.

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Color

Hex(313D30)

Conversions

Conversions Part 1

Format	Color
Hex	313D30
RGB	49, 61, 48
RGB Percent	19%, 24%, 19%
CMY	0.8078, 0.7608, 0.8118
CMYK	0.20, 0.00, 0.21, 0.76
HSL	115°, 12%, 21%
HSV	115°, 21%, 24%
XYZ	3.4689, 4.2039, 3.4249
YIQ	55.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

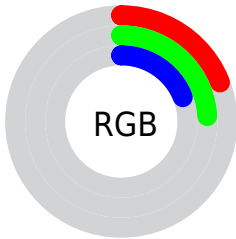
Format	Color
R_{YB}	48, 61, 60
Decimal	3226928
CIE Lab	24.33, -8.00, 6.41
CIE LCh	24, 10.252, 141.314
Yxy	4.2039, 0.3126, 0.3788
Android (android.graphics.Color)	4281417008 (0xFF313D30)
YUV	55.9300, -3.9095, -6.0776
Hunter-Lab	20.5033, -5.6811, 4.4484

Details

The Hex color **313D30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C303D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5F6C5E**, and **021300** is the 20% darker color. If you saturate the color by 10%, you get **2B3D2A**, and if you desaturate by 10%, it is **373D36**.

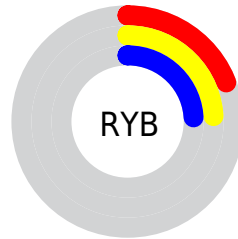
Distribution



Red (19%)

Green (24%)

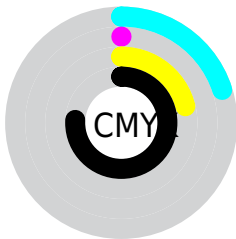
Blue (19%)



Red (19%)

Yellow (24%)

Blue (24%)

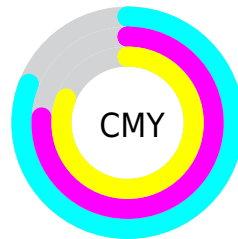


Cyan (20%)

Magenta (0%)

Yellow (21%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313D30 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 313D30 by changing the saturation by 10% instead.

■ 313D30

■ 313D30

FFFFFF

■ 1C271B

■ 5F6C5E

■ 021300

■ 788677

■ 000000

■ 92A090

■ ACBBAB

■ C8D7C6

■ E4F3E2

■ 313D30

■ 313D30

■ 2B3D2A

■ 373D36

■ 263D24

■ 3C3D3C

■ 203D1E

■ 423D42

■ 1A3D18

■ 483D48

■ 153D11

■ 4D3D4F

■ 0F3D0B

■ 533D55

■ 0A3D05

■ 583D5B

■ 053D00

■ 5E3D61

■ 643D67

Harmonies

Analogous

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



3A3B2B



313D30



293E37

Triad

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



313D30



2E3B49



4A3535

Complementary

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



313D30



3C303D

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.



48353C



313D30



383948

Square

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



313D30



263D46



423644



47362E

Rectangle

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



313D30



253E3D



423644



4A3437

Sweetspot

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



313D30



4B4F4A



3D3C30



262926



A8A8A8



292929

Same Dimension

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



313D30



3C4F3A



303D35



1C1F1C



075E00



11DE00

Inverse Universe

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



3C303D



4D3A4F



3D3038



1E1C1F



57005E



CD00DE

Previews

White Background



This preview shows how the Hex color 313D30 looks on a white background.

Color Contrast Check

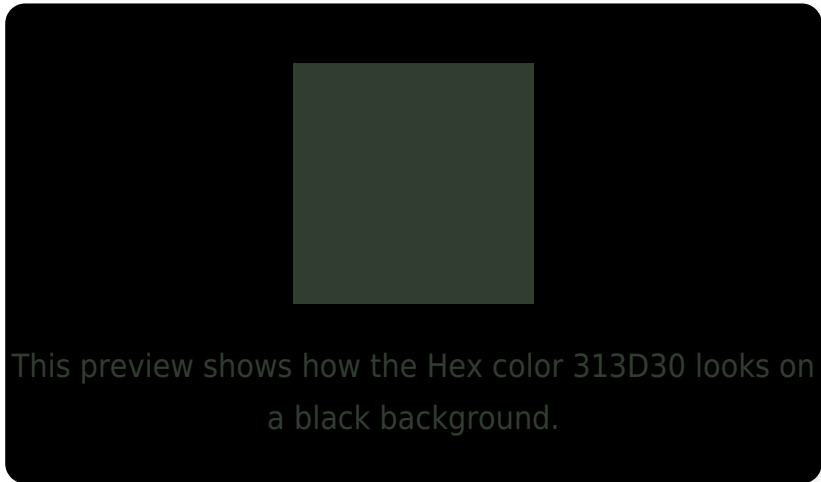
Large Text (above 18pt) WCAG AA ✓ Pass

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

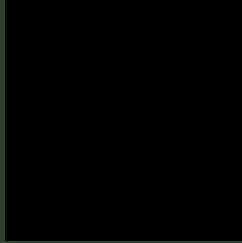
Any Text WCAG AA × Fail

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 313D30 Background



This preview shows how black text looks on a background with the Hex color 313D30.

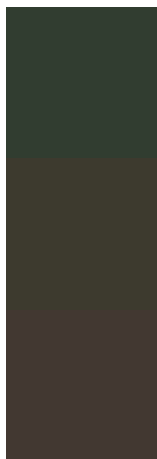


This preview shows how white text looks on a background with the Hex color 313D30.

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](#).

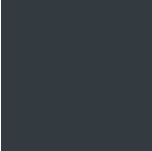
Dichromacy



Original Color
313D30

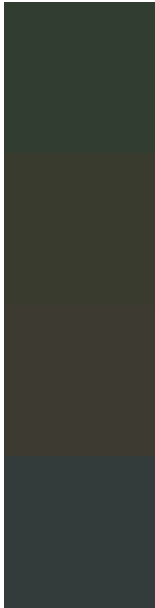
Protanopia
3D3A2E

Deuteranopia
423831



Tritanopia
343B40

Trichromacy



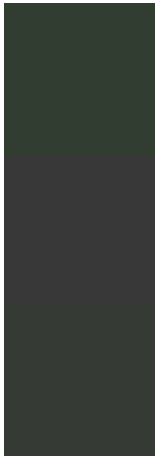
Original Color
313D30

Protanomaly
393B2F

Deuteranomaly
3C3A31

Tritanomaly
333C3A

Monochromacy



Original Color
313D30

Achromatopsia
383838

Achromatomaly
353A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 313D30 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 #313D30 looks like.

```
.text, #text, p{  
    color:#313D30  
}
```

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 #313D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313D30
}
```

Border

The CSS property to change the border of an element to Hex 313D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

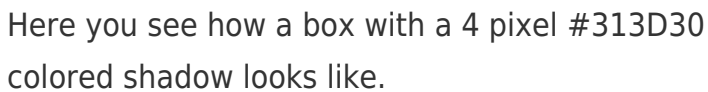
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313D30 }
```

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

```
.border{ border-color:#313D30 }
```

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



Here you see how a box with a 4 pixel #313D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313D30; -webkit-box-shadow:4px 4px  
4px 4px #313D30; box-shadow:4px 4px 4px  
4px #313D30 }
```

Background

The CSS property to change the background color of an element to Hex 313D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313D30 }
```

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

```
.background{ background-color:#313D30 }
```

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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