

Converting Colors

Hex(313E30)

Have a look what the booklet for
Hex(313E30) contains.

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Color

Hex(313E30)

Conversions

Conversions Part 1

Format	Color
Hex	313E30
RGB	49, 62, 48
RGB Percent	19%, 24%, 19%
CMY	0.8078, 0.7569, 0.8118
CMYK	0.21, 0.00, 0.23, 0.76
HSL	116°, 13%, 22%
HSV	116°, 23%, 24%
XYZ	3.5227, 4.3116, 3.4429
YIQ	56.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

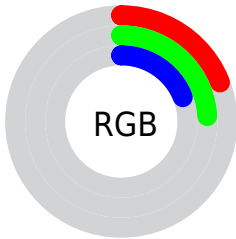
Format	Color
R_YB	48, 62, 61
Decimal	3227184
CIE Lab	24.68, -8.62, 6.89
CIE LCh	25, 11.035, 141.380
Yxy	4.3116, 0.3124, 0.3823
Android (android.graphics.Color)	4281417264 (0xFF313E30)
YUV	56.5170, -4.1989, -6.5924
Hunter-Lab	20.7644, -6.0547, 4.7045

Details

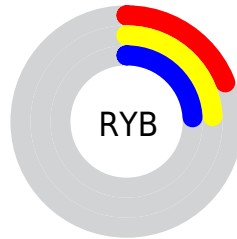
The Hex color **313E30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D303E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5F6E5E**, and **021400** is the 20% darker color. If you saturate the color by 10%, you get **2B3E2A**, and if you desaturate by 10%, it is **373E36**.

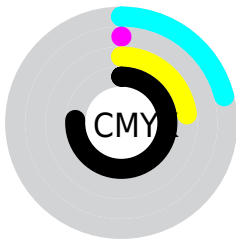
Distribution



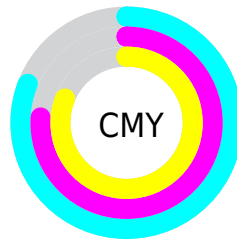
- Red (19%)
- Green (24%)
- Blue (19%)



- Red (19%)
- Yellow (24%)
- Blue (24%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (76%)



- Cyan (81%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313E30 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 313E30 by changing the saturation by 10% instead.

■ 313E30

■ 313E30

FFFFFF

■ 1C281B

■ 5F6E5E

■ 021400

■ 788777

■ 000000

■ 92A190

■ ACBCAB

■ C8D8C6

■ E4F4E2

■ 313E30

■ 313E30

■ 2B3E2A

■ 373E36

■ 253E24

■ 3D3E3C

■ 203E1D

■ 423E43

■ 1A3E17

■ 483E49

■ 143E11

■ 4E3E4F

■ 0E3E0B

■ 543E55

■ 093E05

■ 593E5B

■ 043E00

■ 5F3E62

■ 653E68

Harmonies

Analogous

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



3B3C2B



313E30



283F38

Triad

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



313E30



2D3C4B



4C3535

Complementary

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



313E30



3D303E

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.



4A353D



313E30



39394A

Square

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



313E30



253E47



433745



49372E

Rectangle

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



313E30



243F3E



433745



4C3538

Sweetspot

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



313E30



4C524C



3E3D30



262926



A8A8A8



292929

Same Dimension

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



313E30



3D523C



303E36



1C1F1C



075E00



10DE00

Inverse Universe

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



3D303E



503C52



3E3038



1E1C1F



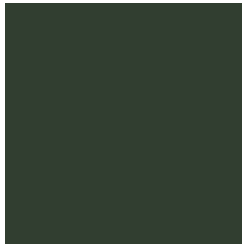
58005E



CE00DE

Previews

White Background



This preview shows how the Hex color 313E30 looks on a white background.

Color Contrast Check

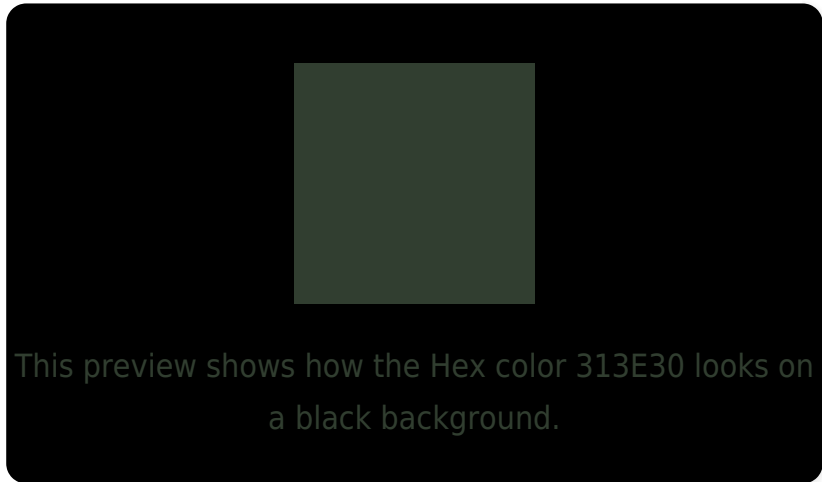
Large Text (above 18pt) WCAG AA ✓ Pass

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

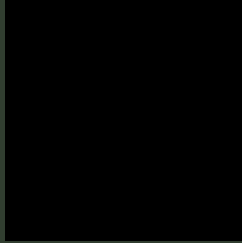
Any Text WCAG AA × Fail

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 313E30 Background



This preview shows how black text looks on a background with the Hex color 313E30.

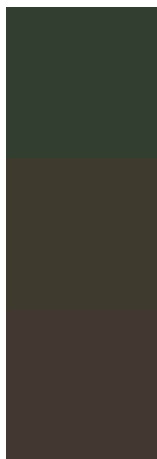


This preview shows how white text looks on a background with the Hex color 313E30.

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
313E30

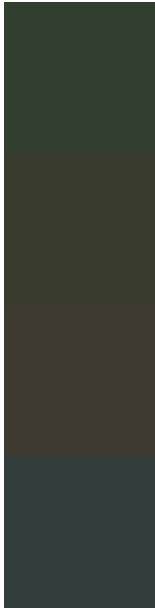
Protanopia
3E3A2E

Deuteranopia
433831



Tritanopia
343C41

Trichromacy



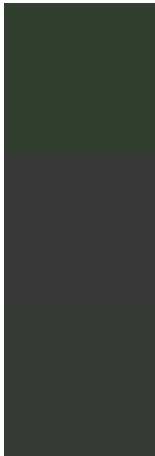
Original Color
313E30

Protanomaly
393B2F

Deuteranomaly
3C3A31

Tritanomaly
333D3B

Monochromacy



Original Color
313E30

Achromatopsia
393939

Achromatomaly
363B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 313E30 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 #313E30 looks like.

```
.text, #text, p{  
    color:#313E30  
}
```

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 #313E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313E30
}
```

Border

The CSS property to change the border of an element to Hex 313E30 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
#313E30 }
```

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

```
.border{ border-color:#313E30 }
```

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

Here you see how a box with a 4 pixel #313E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313E30; -webkit-box-shadow:4px 4px  
4px 4px #313E30; box-shadow:4px 4px 4px  
4px #313E30 }
```

Background

The CSS property to change the background color of an element to Hex 313E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313E30 }
```

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

```
.background{ background-color:#313E30 }
```

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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