

Converting Colors

Hex(314D33)

Have a look what the booklet for
Hex(314D33) contains.

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Color

Hex(314D33)

Conversions

Conversions Part 1

Format	Color
Hex	314D33
RGB	49, 77, 51
RGB Percent	19%, 30%, 20%
CMY	0.8078, 0.6980, 0.8000
CMYK	0.36, 0.00, 0.34, 0.70
HSL	124°, 22%, 25%
HSV	124°, 36%, 30%
XYZ	4.5180, 6.1997, 4.0905
YIQ	65.6640, -8.3420, -14.0220

Conversions

Conversions Part 2

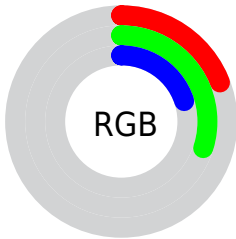
Format	Color
RYB	49, 75, 77
Decimal	3231027
CIELab	29.91, -16.77, 12.17
CIELCh	30, 20.721, 144.023
Yxy	6.1997, 0.3051, 0.4187
Android (android.graphics.Color)	4281421107 (0xFF314D33)
YUV	65.6640, -7.2294, -14.6143
Hunter-Lab	24.8993, -11.1844, 7.6892

Details

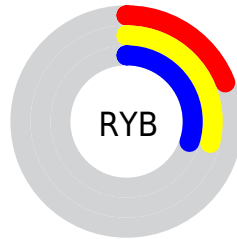
The Hex color **314D33** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D314B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **607E62**, and **062106** is the 20% darker color. If you saturate the color by 10%, you get **294D2C**, and if you desaturate by 10%, it is **394D3A**.

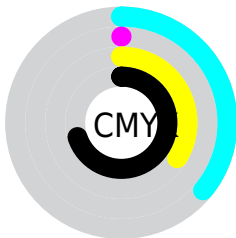
Distribution



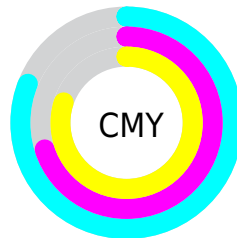
- Red (19%)
- Green (30%)
- Blue (20%)



- Red (19%)
- Yellow (29%)
- Blue (30%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (70%)



- Cyan (81%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314D33 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 314D33 by changing the saturation by 10% instead.

■ 314D33

■ 314D33

FFFFFF

■ 1B361E

■ 607E62

■ 062106

■ 79987A

■ 000000

■ 93B394

■ AECFAF

■ CAEBCA

■ E6FFE6

■ 314D33

■ 314D33

■ 294D2C

■ 394D3A

■ 224D25

■ 404D41

■ 1A4D1E

■ 484D48

■ 124D16

■ 504D50

■ 0B4D0F

■ 584D57

■ 034D08

■ 5F4D5E

■ 004D05

■ 674D65

■ 6F4D6C

■ 764D73

Harmonies

Analogous

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



444928



314D33



1B4F43

Triad

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



314D33



294966



663B3A

Complementary

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



314D33



4D314B

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.



633A4A



314D33



444364

Square

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



314D33



094D60



583E5A



603F2D

Rectangle

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



314D33



094F4E



583E5A



663A3F

Sweetspot

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



314D33



596359



4B4D31



2C332D



B3B3B3



333333

Same Dimension

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



314D33



38633B



314D41



222623



006607



00E610

Inverse Universe

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



4D314B



633860



4D313D



262226



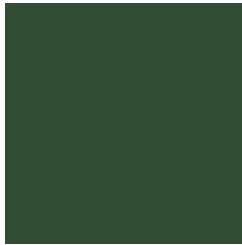
66005F



E600D5

Previews

White Background



This preview shows how the Hex color 314D33 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

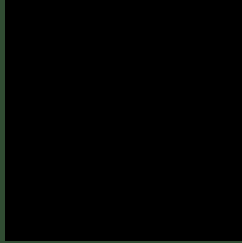
Any Text WCAG AA × Fail

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 314D33 Background



This preview shows how black text looks on a background with the Hex color 314D33.



This preview shows how white text looks on a background with the Hex color 314D33.

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](#).

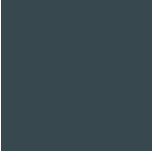
Dichromacy



Original Color
314D33

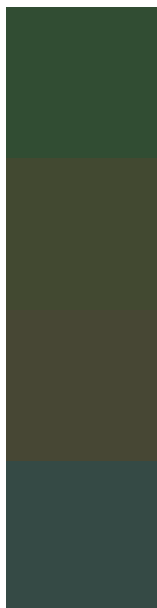
Protanopia
4C4630

Deuteranopia
534335



Tritanopia
37494F

Trichromacy



Original Color

314D33

Protanomaly

424931

Deuteranomaly

474734

Tritanomaly

354A45

Monochromacy



Original Color

314D33

Achromatopsia

424242

Achromatomaly

3C463D

CSS Examples

Text

The CSS property to change the color of the text to Hex 314D33 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 #314D33 looks like.

```
.text, #text, p{  
    color:#314D33  
}
```

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 #314D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314D33
}
```

Border

The CSS property to change the border of an element to Hex 314D33 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".

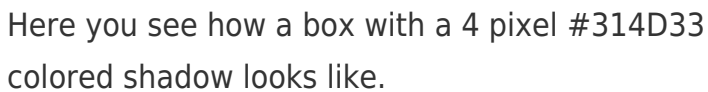
```
.border, #border, table{ border:4px solid
#314D33 }
```

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

```
.border{ border-color:#314D33 }
```

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

Here you see how a box with a 4 pixel #314D33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314D33; -webkit-box-shadow:4px 4px  
4px 4px #314D33; box-shadow:4px 4px 4px  
4px #314D33 }
```

Background

The CSS property to change the background color of an element to Hex 314D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314D33 }
```

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

```
.background{ background-color:#314D33 }
```

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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