

Converting Colors

Hex(314D4C)

Have a look what the booklet for
Hex(314D4C) contains.

Hex(314D4C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(314D4C)

Conversions

Conversions Part 1

Format	Color
Hex	314D4C
RGB	49, 77, 76
RGB Percent	19%, 30%, 30%
CMY	0.8078, 0.6980, 0.7020
CMYK	0.36, 0.00, 0.01, 0.70
HSL	178°, 22%, 25%
HSV	178°, 36%, 30%
XYZ	5.2250, 6.4825, 7.8133
YIQ	68.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

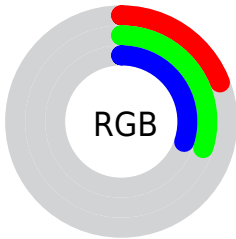
Format	Color
RYB	49, 63, 77
Decimal	3231052
CIELab	30.60, -10.74, -2.77
CIELCh	31, 11.091, 194.453
Yxy	6.4825, 0.2677, 0.3321
Android (android.graphics.Color)	4281421132 (0xFF314D4C)
YUV	68.5140, 3.6906, -17.1138
Hunter-Lab	25.4608, -7.9251, -0.3722




Details

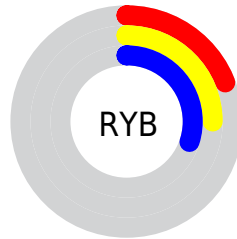
The Hex color **314D4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D3132**, and the grayscale version is **444444**.


A 20% lighter version of the original color is **617E7D**, and **042120** is the 20% darker color. If you saturate the color by 10%, you get **294D4C**, and if you desaturate by 10%, it is **394D4C**.

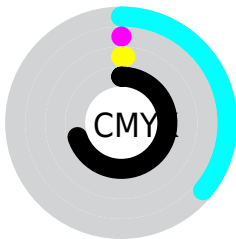
Distribution







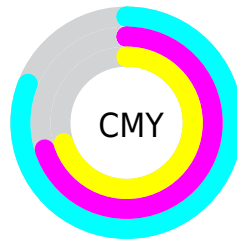
-  Red (19%)
-  Green (30%)
-  Blue (30%)






-  Red (19%)
-  Yellow (25%)
-  Blue (30%)



-  Cyan (36%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (70%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 314D4C 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 314D4C by changing the saturation by 10% instead.

■ 314D4C

■ 314D4C

FFFFFF

■ 1A3635

■ 617E7D

■ 042120

■ 7A9897

■ 000409

■ 94B3B1

■ 000000

■ AFCECD

■ CAEAE9

■ E7FFFF

■ 314D4C

■ 314D4C

■ 294D4C

■ 394D4C

■ 224D4B

■ 404D4D

■ 1A4D4B

■ 484D4D

■ 124D4B

■ 504D4D

■ 0B4D4B

■ 584D4D

■ 034D4A

■ 5F4D4E

■ 004D4A

■ 674D4E

■ 6F4D4E

■ 764D4E

Harmonies

Analogous

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



374D43



314D4C



314C54

Triad

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



314D4C



4F4454



534638

Complementary

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



314D4C



4D3132

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.



58433C



314D4C



57424D

Square

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



314D4C



444759



5A4244



4A4937

Rectangle

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



314D4C



354B57



5A4244



554539

Sweetspot

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



314D4C



596363



324D31



2C3333



B3B3B3



333333

Same Dimension

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



314D4C



386362



31404D



222626



006662



00E6DD

Inverse Universe

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



4D3132



633839



4D3E31



262223



660004



E60008

Previews

White Background



This preview shows how the Hex color 314D4C 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

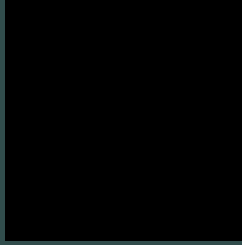
Any Text WCAG AA × Fail

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 314D4C Background



This preview shows how black text looks on a background with the Hex color 314D4C.



This preview shows how white text looks on a background with the Hex color 314D4C.

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
314D4C

Protanopia
494749

Deuteranopia
4C464E



Tritanopia
334C52

Trichromacy



Original Color

314D4C

Protanomaly

40494A

Deuteranomaly

42494D

Tritanomaly

324C50

Monochromacy



Original Color

314D4C

Achromatopsia

454545

Achromatomaly

3E4848

CSS Examples

Text

The CSS property to change the color of the text to Hex 314D4C 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 #314D4C looks like.

```
.text, #text, p{  
    color:#314D4C  
}
```

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 #314D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314D4C
}
```

Border

The CSS property to change the border of an element to Hex 314D4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

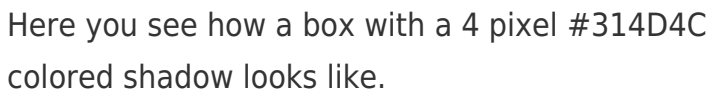
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314D4C }
```

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

```
.border{ border-color:#314D4C }
```

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



Here you see how a box with a 4 pixel #314D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314D4C; -webkit-box-shadow:4px 4px  
4px 4px #314D4C; box-shadow:4px 4px 4px  
4px #314D4C }
```

Background

The CSS property to change the background color of an element to Hex 314D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314D4C }
```

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

```
.background{ background-color:#314D4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor