

Converting Colors

Hex(314E00)

Have a look what the booklet for
Hex(314E00) contains.

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Color

Hex(314E00)

Conversions

Conversions Part 1

Format	Color
Hex	314E00
RGB	49, 78, 0
RGB Percent	19%, 31%, 0%
CMY	0.8078, 0.6941, 1.0000
CMYK	0.37, 0.00, 1.00, 0.69
HSL	82°, 100%, 15%
HSV	82°, 100%, 31%
XYZ	3.9910, 6.1017, 0.9674
YIQ	60.4370, 7.7540, -30.4060

Conversions

Conversions Part 2

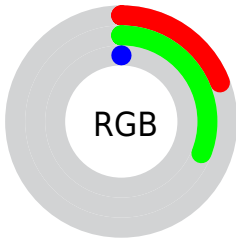
Format	Color
RYB	0, 78, 29
Decimal	3231232
CIELab	29.67, -23.06, 37.31
CIELCh	30, 43.863, 121.712
Yxy	6.1017, 0.3608, 0.5517
Android (android.graphics.Color)	4281421312 (0xFF314E00)
YUV	60.4370, -29.7954, -10.0302
Hunter-Lab	24.7017, -14.3881, 14.9692

Details

The Hex color **314E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1D004E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **637F33**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **314E00**, and if you desaturate by 10%, it is **344E08**.

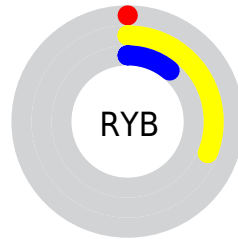
Distribution



Red (19%)

Green (31%)

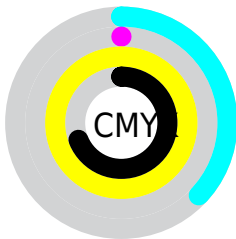
Blue (0%)



Red (0%)

Yellow (31%)

Blue (11%)

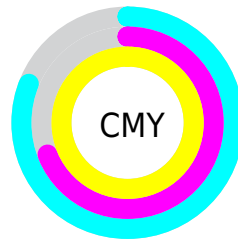


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (81%)


Magenta (69%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314E00 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 314E00 by changing the saturation by 10% instead.

 314E00

 314E00

 FFFFEC

 1A3700

 637F33

 002200

 7D994C

 000000

 98B465

 B3D07E

 CFEC99

 ECFFB4

 FFFF00

 314E00

■ 344E08

■ 374E10

■ 3A4E17

■ 3D4E1F

■ 404E27

■ 424E2F

■ 454E37

■ 484E3E

■ 4B4E46

Harmonies

Analogous

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



544500



314E00



005324

Triad

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



314E00



005282



812045

Complementary

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



314E00



1D004E

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.



702B67



314E00



00498A

Square

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



314E00



005569



473C80



7F2824

Rectangle

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



314E00



00553B



473C80



7D2251

Sweetspot

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



314E00



5B6647



4E1D00



2C3321



B3B3B3



333333

Same Dimension

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



314E00



406600



0A4E00



252622



90E600

Inverse Universe

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



1D004E



260066



44004E



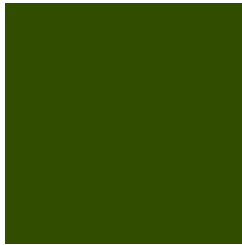
242226



5500E6

Previews

White Background



This preview shows how the Hex color 314E00 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

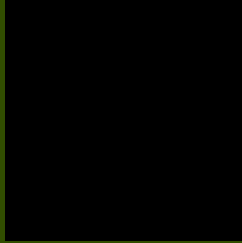
Any Text WCAG AA × Fail

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 314E00 Background



This preview shows how black text looks on a background with the Hex color 314E00.



This preview shows how white text looks on a background with the Hex color 314E00.

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
314E00

Protanopia
4F4600

Deuteranopia
58420F



Tritanopia
39484E

Trichromacy



Original Color
314E00

Protanomaly
444900

Deuteranomaly
4A460A

Tritanomaly
364A32

Monochromacy



Original Color
314E00

Achromatopsia
3C3C3C

Achromatomaly
384326

CSS Examples

Text

The CSS property to change the color of the text to Hex 314E00 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 #314E00 looks like.

```
.text, #text, p{  
    color:#314E00  
}
```

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 #314E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314E00
}
```

Border

The CSS property to change the border of an element to Hex 314E00 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
#314E00 }
```

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

```
.border{ border-color:#314E00 }
```

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

Here you see how a box with a 4 pixel #314E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314E00; -webkit-box-shadow:4px 4px  
4px 4px #314E00; box-shadow:4px 4px 4px  
4px #314E00 }
```

Background

The CSS property to change the background color of an element to Hex 314E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314E00 }
```

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

```
.background{ background-color:#314E00 }
```

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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