

Converting Colors

Hex(314700)

Have a look what the booklet for
Hex(314700) contains.

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Color

Hex(314700)

Conversions

Conversions Part 1

Format	Color
Hex	314700
RGB	49, 71, 0
RGB Percent	19%, 28%, 0%
CMY	0.8078, 0.7216, 1.0000
CMYK	0.31, 0.00, 1.00, 0.72
HSL	79°, 100%, 14%
HSV	79°, 100%, 28%
XYZ	3.5199, 5.1594, 0.8104
YIQ	56.3280, 9.6790, -26.7450

Conversions

Conversions Part 2

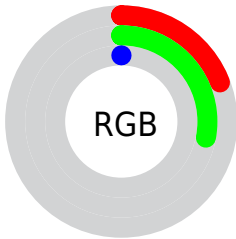
Format	Color
RYB	0, 71, 22
Decimal	3229440
CIELab	27.18, -19.48, 35.28
CIELCh	27, 40.299, 118.905
Yxy	5.1594, 0.3709, 0.5437
Android (android.graphics.Color)	4281419520 (0xFF314700)
YUV	56.3280, -27.7697, -6.4267
Hunter-Lab	22.7144, -12.0896, 13.7849

Details

The Hex color **314700** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **160047**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **627832**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **314700**, and if you desaturate by 10%, it is **334707**.

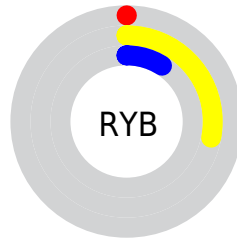
Distribution



Red (19%)

Green (28%)

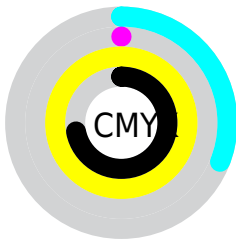
Blue (0%)



Red (0%)

Yellow (28%)

Blue (9%)

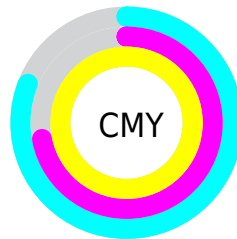


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (81%)


Magenta (72%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314700 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 314700 by changing the saturation by 10% instead.

 314700

 314700

 FFFFEA

 1A3000

 627832

 001D00

 7C914A

 000000


 97AC62

 B2C77C

 CEE396

 EAFFB1

 FFFFCD

 314700

■ 334707

■ 35470E

■ 384715

■ 3A471C

■ 3C4724

■ 3E472B

■ 404732

■ 434739

■ 454740

Harmonies

Analogous

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



503E00



314700



004C1E

Triad

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



314700



004B75



751F43

Complementary

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



314700



160047

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.



642961



314700



00447E

Square

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



314700



004E5D



3C3877



752424

Rectangle

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



314700



004E33



3C3877



71214D

Sweetspot

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



314700



535C40



471500



292E1D



ADADAD



2E2E2E

Same Dimension

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



314700



3F5C00



0E4700



232420



456300



9DE300

Inverse Universe

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



160047



1C005C



390047



212024



1F0063



4600E3

Previews

White Background



This preview shows how the Hex color 314700 looks on a white background.

Color Contrast Check

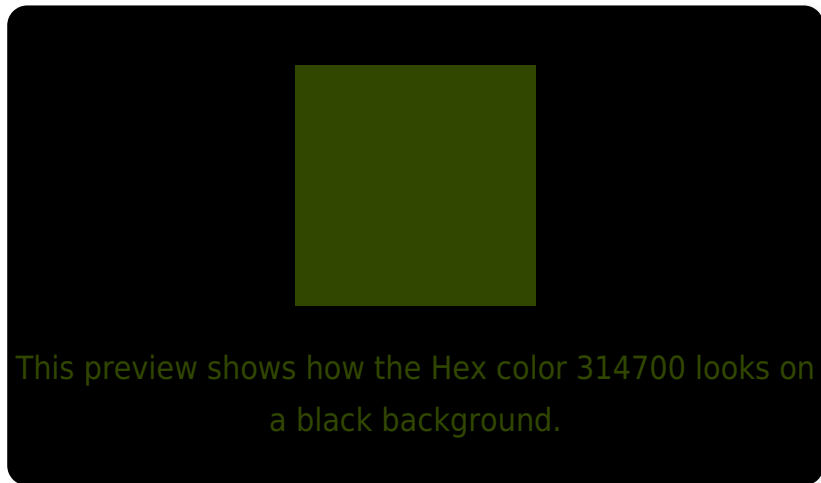
Large Text (above 18pt) WCAG AA ✓ Pass

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

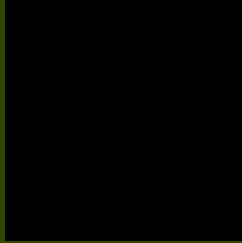
Any Text WCAG AA × Fail

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 314700 Background



This preview shows how black text looks on a background with the Hex color 314700.



This preview shows how white text looks on a background with the Hex color 314700.

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
314700

Protanopia
494000

Deuteranopia
513D0E



Tritanopia
384247

Trichromacy



Original Color
314700

Protanomaly
404300

Deuteranomaly
454109

Tritanomaly
35442D

Monochromacy



Original Color
314700

Achromatopsia
383838

Achromatomaly
353D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 314700 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 #314700 looks like.

```
.text, #text, p{  
    color:#314700  
}
```

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 #314700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314700
}
```

Border

The CSS property to change the border of an element to Hex 314700 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".

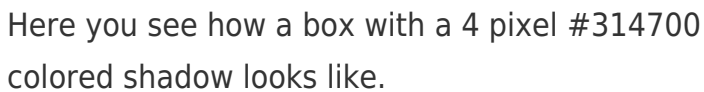
```
.border, #border, table{ border:4px solid
#314700 }
```

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

```
.border{ border-color:#314700 }
```

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

Here you see how a box with a 4 pixel #314700 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314700; -webkit-box-shadow:4px 4px  
4px 4px #314700; box-shadow:4px 4px 4px  
4px #314700 }
```

Background

The CSS property to change the background color of an element to Hex 314700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314700 }
```

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

```
.background{ background-color:#314700 }
```

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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