

Converting Colors

Hex(313500)

Have a look what the booklet for
Hex(313500) contains.

| | |
|--|----|
| Hex(313500) | 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(313500)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 313500 |
| RGB | 49, 53, 0 |
| RGB Percent | 19%, 21%, 0% |
| CMY | 0.8078, 0.7922, 1.0000 |
| CMYK | 0.08, 0.00, 1.00, 0.79 |
| HSL | 65°, 100%, 10% |
| HSV | 65°, 100%, 21% |
| XYZ | 2.5397, 3.1992, 0.4836 |
| YIQ | 45.7620, 14.6290, -17.3310 |

Conversions

Conversions Part 2

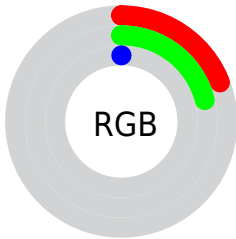
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 53, 4 |
| Decimal | 3224832 |
| CIELab | 20.82, -9.25, 28.99 |
| CIElCh | 21, 30.425, 107.690 |
| Yxy | 3.1992, 0.4081, 0.5141 |
| Android (android.graphics.Color) | 4281414912 (0xFF313500) |
| YUV | 45.7620, -22.5607, 2.8397 |
| Hunter-Lab | 17.8862, -5.9551, 10.9172 |

Details

The Hex color **313500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **040035**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **61632F**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **313500**, and if you desaturate by 10%, it is **313505**.

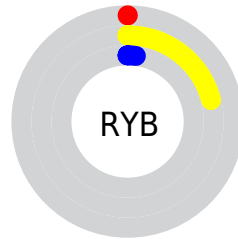
Distribution



Red (19%)

Green (21%)

Blue (0%)



Red (0%)

Yellow (21%)

Blue (2%)

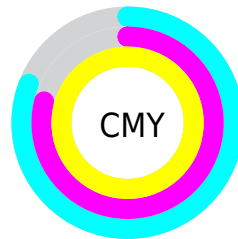


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (81%)


Magenta (79%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313500 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 313500 by changing the saturation by 10% instead.

 313500

 313500

 FFFFE5

 1B2000

 61632F

 000600

 7B7C47

 000000


 95965F

 B0B178

 CCCC92

 E8E8AD

 FFFFC8

 313500

■ 313505

■ 32350B

■ 323510

■ 333515

■ 33351B

■ 333520

■ 343525

■ 34352A

■ 353530

Harmonies

Analogous

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



452E00



313500



153A12

Triad

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



313500



003B53



561E3C

Complementary

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



313500



040035

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.



442650



313500



00375E

Square

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



313500



003D3F



1F305D



5A1D26

Rectangle

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



313500



003B20



1F305D



512044

Sweetspot

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



313500



434530



350400



232417



A3A3A3



242424

Same Dimension

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



313500



404500



173500



191A17



535900



C8D900

Inverse Universe

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



040035



050045



1E0035



17171A



070059



1000D9

Previews

White Background



This preview shows how the Hex color 313500 looks on a white background.

Color Contrast Check

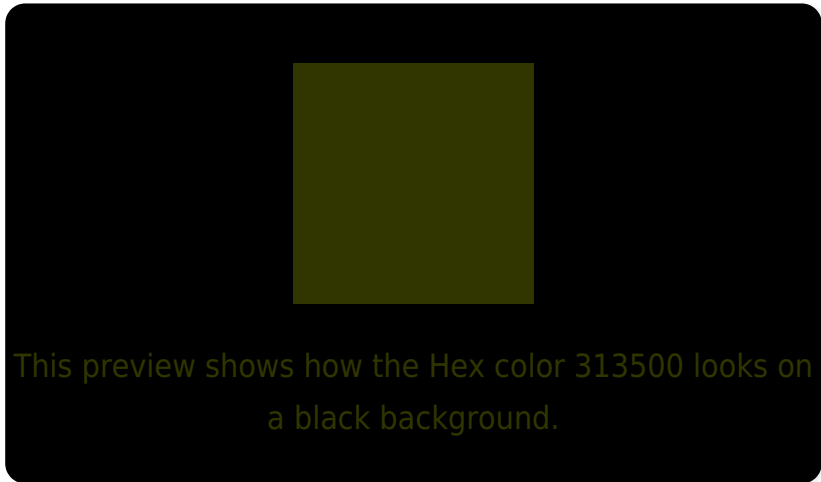
Large Text (above 18pt) WCAG AA ✓ Pass

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

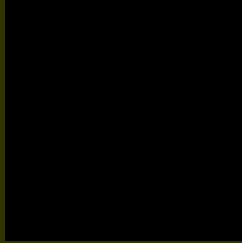
Any Text WCAG AA × Fail

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 313500 Background



This preview shows how black text looks on a background with the Hex color 313500.



This preview shows how white text looks on a background with the Hex color 313500.

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
313500

Protanopia
393200

Deuteranopia
403009



Tritanopia
353135

Trichromacy



Original Color
313500

Protanomaly
363300

Deuteranomaly
3B3206

Tritanomaly
343222

Monochromacy



Original Color
313500

Achromatopsia
2E2E2E

Achromatomaly
2F311D

CSS Examples

Text

The CSS property to change the color of the text to Hex 313500 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 #313500 looks like.

```
.text, #text, p{  
    color:#313500  
}
```

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 #313500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313500
}
```

Border

The CSS property to change the border of an element to Hex 313500 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".

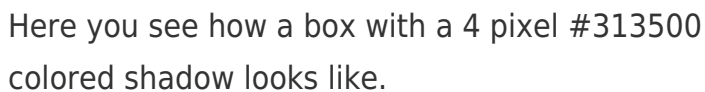
```
.border, #border, table{ border:4px solid
#313500 }
```

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

```
.border{ border-color:#313500 }
```

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

Here you see how a box with a 4 pixel #313500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313500; -webkit-box-shadow:4px 4px  
4px 4px #313500; box-shadow:4px 4px 4px  
4px #313500 }
```

Background

The CSS property to change the background color of an element to Hex 313500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313500 }
```

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

```
.background{ background-color:#313500 }
```

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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