

# Converting Colors

Hex(315900)

Have a look what the booklet for  
Hex(315900) contains.

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**Color**

**Hex(315900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	315900
RGB	49, 89, 0
RGB Percent	19%, 35%, 0%
CMY	0.8078, 0.6510, 1.0000
CMYK	0.45, 0.00, 1.00, 0.65
HSL	87°, 100%, 17%
HSV	87°, 100%, 35%
XYZ	4.8390, 7.7977, 1.2501
YIQ	66.8940, 4.7290, -36.1590

# Conversions

## Conversions Part 2

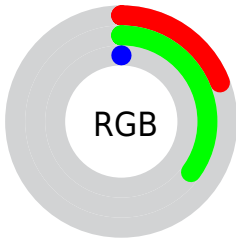
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 40
Decimal	3234048
CIELab	33.56, -28.30, 40.33
CIELCh	34, 49.264, 125.058
Yxy	7.7977, 0.3485, 0.5615
Android (android.graphics.Color)	4281424128 (0xFF315900)
YUV	66.8940, -32.9787, -15.6930
Hunter-Lab	27.9244, -17.9356, 16.8929

# Details

The Hex color **315900** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **280059**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **648B36**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **315900**, and if you desaturate by 10%, it is **355909**.

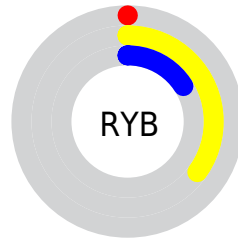
# Distribution



Red (19%)

Green (35%)

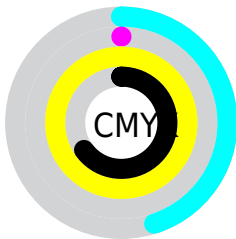
Blue (0%)



Red (0%)

Yellow (35%)

Blue (16%)

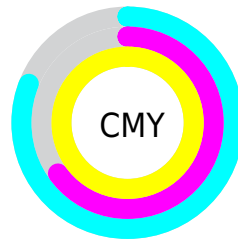


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (81%)

Magenta (65%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 315900 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 315900 by changing the saturation by 10% instead.



 315900

 315900

 FFFFFF1

 194100

 648B36

 002B00

 7EA64F

 001500

 99C168


 000000

 B5DD82

 D1FA9D

 EEFFB8

 FFFF4

 315900

 355909

 395912

 3D591B

 415924

 45592D

 495935

 4D593E

 515947

 555950

# Harmonies

## Analogous

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



5A4F00



315900



005E2C

# Triad

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



315900



005C96



93224A

# Complementary

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



315900



280059

# 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.



822D71



315900



00529D

# Square

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



315900



00607B



56418F



8E2D24

# Rectangle

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



315900



006047



56418F



902357



# Sweetspot

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



315900



637350



592700



313B26



BABABA



3B3B3B



# Same Dimension

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



315900



3F7300



065900



292B27



3B6B00



81EB00



# Inverse Universe

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



280059



340073



530059



29272B



30006B



6900EB



# Previews

## White Background



This preview shows how the Hex color 315900 looks on a white background.

## Color Contrast Check

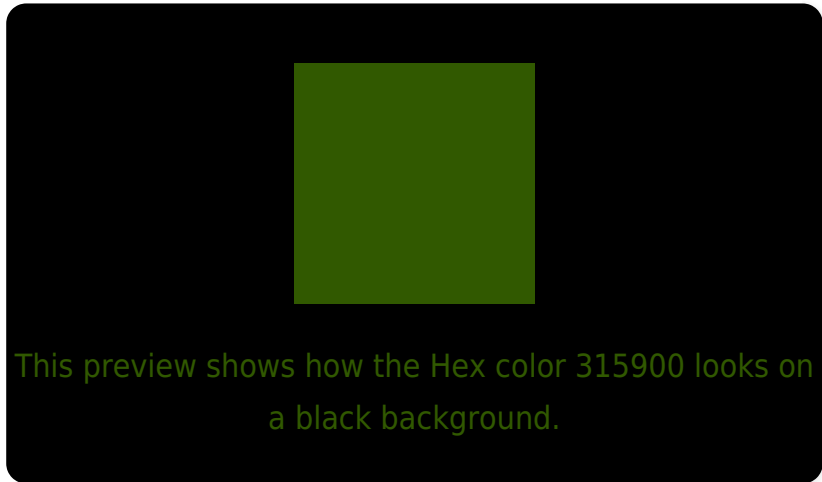
Large Text (above 18pt) WCAG AA ✓ Pass

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 315900 Background



This preview shows how black text looks on a background with the Hex color 315900.



This preview shows how white text looks on a background with the Hex color 315900.

# 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](#).

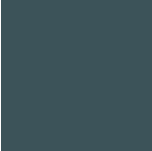
## Dichromacy



**Original Color**  
315900

**Protanopia**  
594F00

**Deuteranopia**  
634B12



**Tritanopia**  
3C5359

# Trichromacy



**Original Color**  
315900

**Protanomaly**  
4A5300

**Deuteranomaly**  
51500B

**Tritanomaly**  
385539

# Monochromacy



**Original Color**  
315900

**Achromatopsia**  
434343

**Achromatomaly**  
3C4B2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 315900 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 #315900 looks like.

```
.text, #text, p{  
    color:#315900  
}
```

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 #315900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315900
}
```

## Border

The CSS property to change the border of an element to Hex 315900 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
#315900 }
```

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

```
.border{ border-color:#315900 }
```

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

Here you see how a box with a 4 pixel #315900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315900; -webkit-box-shadow:4px 4px  
4px 4px #315900; box-shadow:4px 4px 4px  
4px #315900 }
```

# Background

The CSS property to change the background color of an element to Hex 315900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315900 }
```

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

```
.background{ background-color:#315900 }
```

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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