Converting Colors

Hex(315D00)

Have a look what the booklet for Hex(315D00) contains.

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Color

Hex(315D00)

Conversions

Conversions Part 1

Format	Color
Hex	315D00
RGB	49, 93, 0
RGB Percent	19%, 36%, 0%
CMY	0.8078, 0.6353, 1.0000
CMYK	0.47, 0.00, 1.00, 0.64
HSL	88°, 100%, 18%
HSV	88°, 100%, 36%
XYZ	5.1810, 8.4817, 1.3641
YIQ	69.2420, 3.6290, -38.2510

Conversions

Conversions Part 2

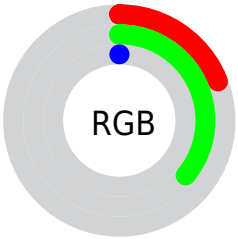
Format	Color
RYB	0, 93, 44
Decimal	3235072
CIELab	34.97, -30.10, 41.42
CIELCh	35, 51.206, 126.006
Yxy	8.4817, 0.3448, 0.5644
Android (android.graphics.Color)	4281425152 (0xFF315D00)
YUV	69.2420, -34.1363, -17.7522
Hunter-Lab	29.1233, -19.2110, 17.6093

Details

The Hex color 315D00 is a dark color, and the websafe version is hex 336600. A complement of this color would be 2C005D, and the grayscale version is 464646.

A 20% lighter version of the original color is 659037, and 002E00 is the 20% darker color. If you saturate the color by 10%, you get 315D00, and if you desaturate by 10%, it is 355D09.

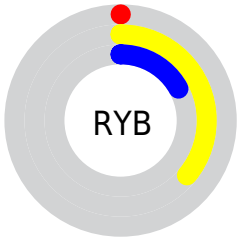
Distribution



Red (19%)

Green (36%)

Blue (0%)



Red (0%)

Yellow (36%)

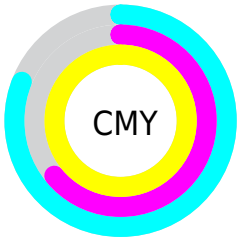
Blue (17%)

Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (81%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315D00 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 315D00 by changing the saturation by 10% instead.

315D00

FFFFF3

659037

7FAA50

9AC66A

B6E284

D2FF9E

EFFFBA

FFFFD6

315D00

184500

002E00

001A00

000000

315D00

355D09

3A5D13

3E5D1C

435D25

475D2F

4B5D38

505D41

545D4A

595D54

Harmonies

Analogous

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

5D5300

315D00

00622F

Triad

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

315D00

005F9D

99224C

Complementary

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

315D00

2C005D

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.

892E74

315D00

0055A4

Square

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

315D00

006481

5C4395

943024

Rectangle

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

315D00

00644B

5C4395

96235A

Sweetspot

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

315D00

677854

5D2B00

333D27

BDBDBD

3D3D3D

Same Dimension

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

315D00

3F7800

035D00

2C2E29

3A6E00

7DED00

Inverse Universe

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

2C005D

390078

5A005D

2B292E

34006E

7000ED

Previews

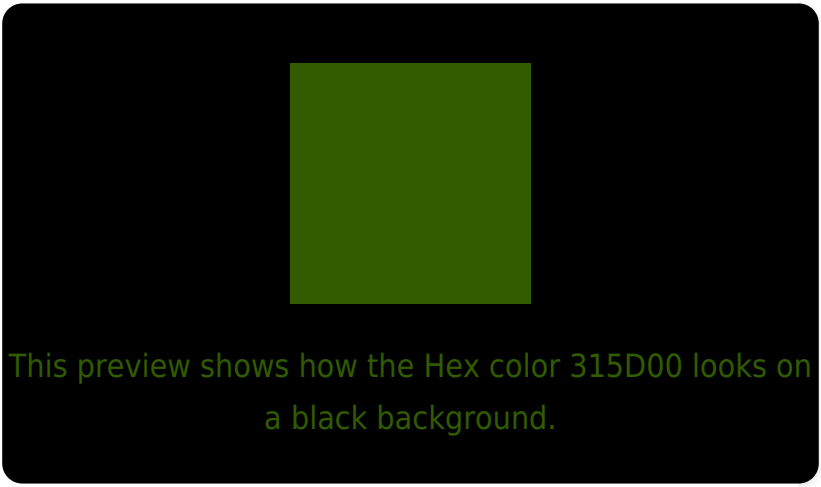
White Background

This preview shows how the Hex color 315D00 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

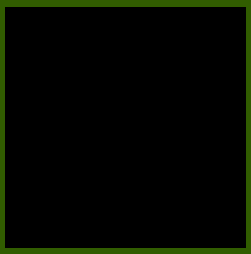


Color Contrast Check

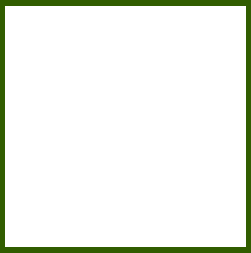
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 315D00 Background



This preview shows how black text looks on a background with the Hex color 315D00.

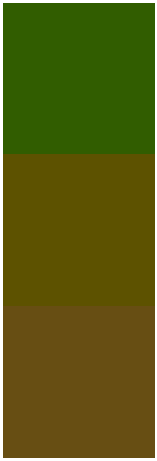


This preview shows how white text looks on a background with the Hex color 315D00.

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
315D00

Protanopia
5D5200

Deuteranopia
674E13

Tritanopia
3D565D

Trichromacy

Original Color
315D00

Protanomaly
4D5600

Deuteranomaly
53530C

Tritanomaly
39593B

Monochromacy

Original Color
315D00

Achromatopsia
454545

Achromatomaly
3E4E2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 315D00 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 #315D00 looks like.

```
.text, #text, p{
    color:#315D00
}
```

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 #315D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315D00
}
```

Border

The CSS property to change the border of an element to Hex 315D00 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
#315D00 }
```

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

```
.border{ border-color:#315D00 }
```

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

Here you see how a box with a 4 pixel #315D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #315D00; -webkit-box-shadow:4px 4px 4px 4px #315D00; box-shadow:4px 4px 4px 4px #315D00 }
```

Background

The CSS property to change the background color of an element to Hex 315D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#315D00 }
```

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

```
.background{ background-color:#315D00 }
```

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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