

Converting Colors

Hex(316500)

Have a look what the booklet for
Hex(316500) contains.

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Color

Hex(316500)

Conversions

Conversions Part 1

Format	Color
Hex	316500
RGB	49, 101, 0
RGB Percent	19%, 40%, 0%
CMY	0.8078, 0.6039, 1.0000
CMYK	0.51, 0.00, 1.00, 0.60
HSL	91°, 100%, 20%
HSV	91°, 100%, 40%
XYZ	5.9203, 9.9603, 1.6105
YIQ	73.9380, 1.4290, -42.4350

Conversions

Conversions Part 2

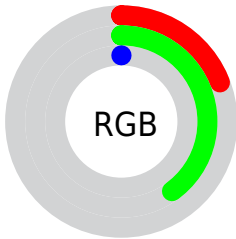
Format	Color
RYB	0, 101, 52
Decimal	3237120
CIELab	37.77, -33.57, 43.61
CIELCh	38, 55.039, 127.587
Yxy	9.9603, 0.3385, 0.5695
Android (android.graphics.Color)	4281427200 (0xFF316500)
YUV	73.9380, -36.4514, -21.8706
Hunter-Lab	31.5600, -21.7454, 19.0664

Details

The Hex color **316500** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **340065**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **669939**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **316500**, and if you desaturate by 10%, it is **36650A**.

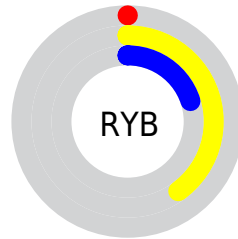
Distribution



Red (19%)

Green (40%)

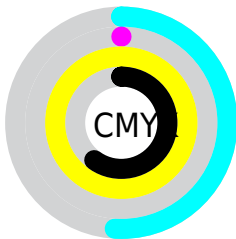
Blue (0%)



Red (0%)

Yellow (40%)

Blue (20%)

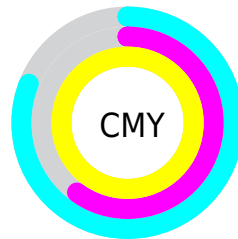


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (81%)


Magenta (60%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316500 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 316500 by changing the saturation by 10% instead.

 316500

 316500

 FFFFF6

 164D00

 669939

 003500

 80B353

 002200

 9CCF6C


 000000

 B7EC86

 D4FFA1

 F1FFBD

 FFFFD9

 316500

 36650A

 3B6514

 41651E

 466528

 4B6533

 50653D

 556547

 5B6551

 60655B

Harmonies

Analogous

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



625B00



316500



006A35

Triad

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



316500



0067AB



A62450

Complementary

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



316500



340065

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.



962F7C



316500



005BB2

Square

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



316500



006C8E



6747A0



9F3425

Rectangle

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



316500



006C54



6747A0



A4245E

Sweetspot

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



316500



6E825B



653300



36422A



C2C2C2



424242

Same Dimension

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



316500



3F8200



006500



30332E



387300



76F200

Inverse Universe

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



340065



430082



650065



312E33



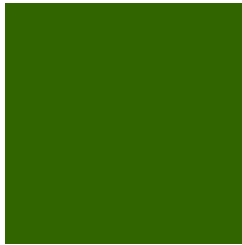
3B0073



7D00F2

Previews

White Background



This preview shows how the Hex color 316500 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

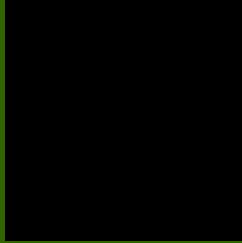
Any Text WCAG AA × Fail

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 316500 Background



This preview shows how black text looks on a background with the Hex color 316500.



This preview shows how white text looks on a background with the Hex color 316500.

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
316500

Protanopia
645900

Deuteranopia
705415



Tritanopia
3F5E65

Trichromacy



Original Color
316500

Protanomaly
515D00

Deuteranomaly
595A0D

Tritanomaly
3A6140

Monochromacy



Original Color
316500

Achromatopsia
4A4A4A

Achromatomaly
41542F

CSS Examples

Text

The CSS property to change the color of the text to Hex 316500 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 #316500 looks like.

```
.text, #text, p{  
    color:#316500  
}
```

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 #316500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316500
}
```

Border

The CSS property to change the border of an element to Hex 316500 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".

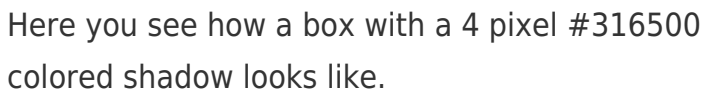
```
.border, #border, table{ border:4px solid
#316500 }
```

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

```
.border{ border-color:#316500 }
```

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

Here you see how a box with a 4 pixel #316500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316500; -webkit-box-shadow:4px 4px  
4px 4px #316500; box-shadow:4px 4px 4px  
4px #316500 }
```

Background

The CSS property to change the background color of an element to Hex 316500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316500 }
```

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

```
.background{ background-color:#316500 }
```

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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