

Converting Colors

Hex(316810)

Have a look what the booklet for
Hex(316810) contains.

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Color

Hex(316810)

Conversions

Conversions Part 1

Format	Color
Hex	316810
RGB	49, 104, 16
RGB Percent	19%, 41%, 6%
CMY	0.8078, 0.5922, 0.9373
CMYK	0.53, 0.00, 0.85, 0.59
HSL	98°, 73%, 24%
HSV	98°, 85%, 41%
XYZ	6.3105, 10.5910, 2.2019
YIQ	77.5230, -4.5320, -39.0280

Conversions

Conversions Part 2

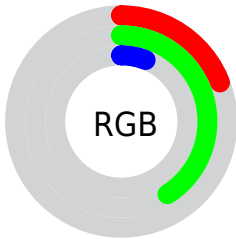
Format	Color
RYB	16, 104, 71
Decimal	3237904
CIELab	38.88, -34.10, 40.14
CIElCh	39, 52.668, 130.353
Yxy	10.5910, 0.3303, 0.5544
Android (android.graphics.Color)	4281427984 (0xFF316810)
YUV	77.5230, -30.3308, -25.0147
Hunter-Lab	32.5438, -22.3394, 18.7692

Details

The Hex color **316810** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **471068**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **659C43**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **2B6806**, and if you desaturate by 10%, it is **38681A**.

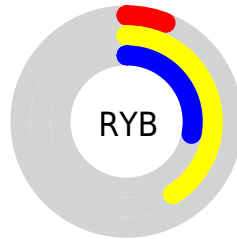
Distribution



Red (19%)

Green (41%)

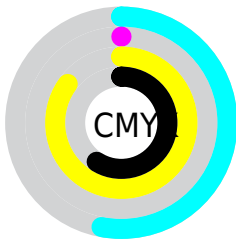
Blue (6%)



Red (6%)

Yellow (41%)

Blue (28%)

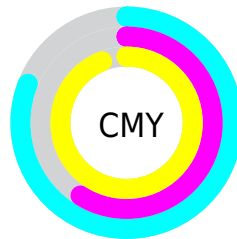


Cyan (53%)

Magenta (0%)

Yellow (85%)

Black (59%)



Cyan (81%)


Magenta (59%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316810 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 316810 by changing the saturation by 10% instead.

 316810

 316810

FFFFFF

 154F00

 659C43

 003800

 80B75C

 002400

 9BD376


 000000

 B7EF90

 D3FFAC

 F0FFC7

 FFFFE4

 316810

 316810

■ 2B6806

■ 38681A

■ 276800

■ 3E6825

■ 45682F

■ 4B683A

■ 526844

■ 58684E

■ 5F6859

■ 656863

■ 6C686E

Harmonies

Analogous

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



615E00



316810



006D3D

Triad

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



316810



0068AC



A72C4F

Complementary

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



316810



471068

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.



993479



316810



005CB0

Square

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



316810



006E92



6F499D



9E3B26

Rectangle

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



316810



006F5B



6F499D



A52C5D

Sweetspot

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



316810



728765



684610



384530



C4C4C4



454545

Same Dimension

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



316810



338700



10681A



30332E



2B7300



5BF200

Inverse Universe

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



471068



540087



68105E



312E33



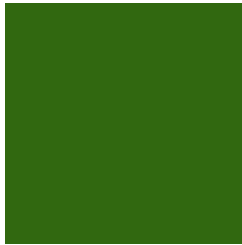
480073



9700F2

Previews

White Background



This preview shows how the Hex color 316810 looks on a white background.

Color Contrast Check

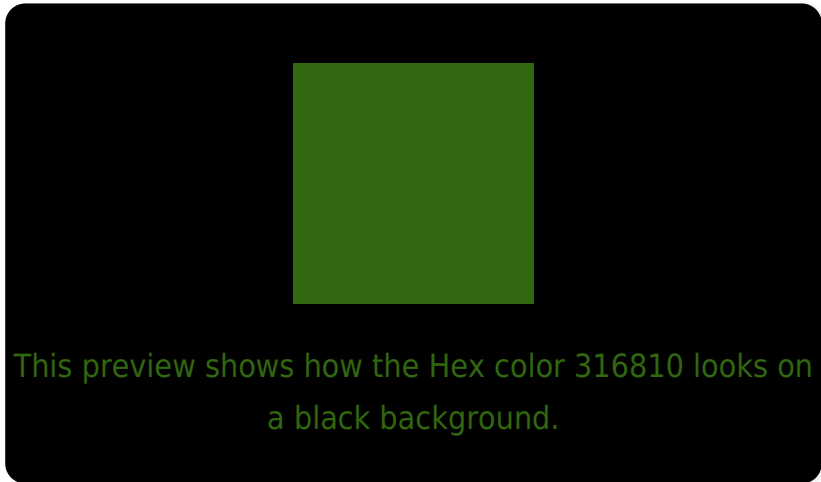
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 316810 Background



This preview shows how black text looks on a background with the Hex color 316810.



This preview shows how white text looks on a background with the Hex color 316810.

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
316810

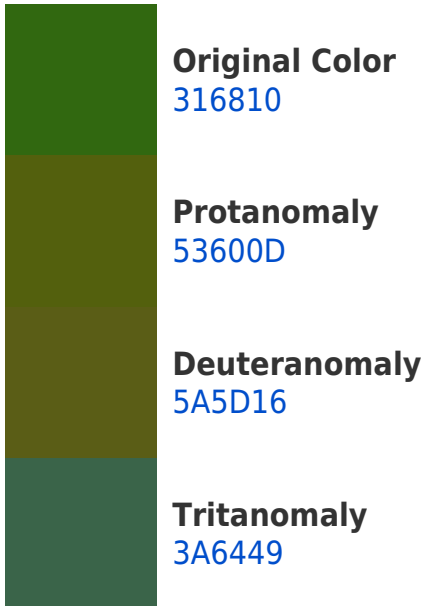
Protanopia
675B0C

Deuteranopia
72571A



Tritanopia
3F6169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 316810 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 #316810 looks like.

```
.text, #text, p{  
    color:#316810  
}
```

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 #316810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316810
}
```

Border

The CSS property to change the border of an element to Hex 316810 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".

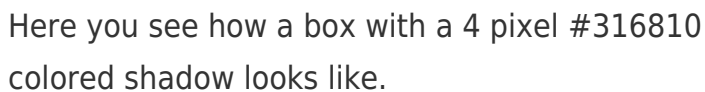
```
.border, #border, table{ border:4px solid
#316810 }
```

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

```
.border{ border-color:#316810 }
```

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

Here you see how a box with a 4 pixel #316810 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316810; -webkit-box-shadow:4px 4px  
4px 4px #316810; box-shadow:4px 4px 4px  
4px #316810 }
```

Background

The CSS property to change the background color of an element to Hex 316810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316810 }
```

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

```
.background{ background-color:#316810 }
```

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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