

Converting Colors

Hex(316C03)

Have a look what the booklet for
Hex(316C03) contains.

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Color

Hex(316C03)

Conversions

Conversions Part 1

Format	Color
Hex	316C03
RGB	49, 108, 3
RGB Percent	19%, 42%, 1%
CMY	0.8078, 0.5765, 0.9882
CMYK	0.55, 0.00, 0.97, 0.58
HSL	94°, 95%, 22%
HSV	94°, 97%, 42%
XYZ	6.6456, 11.3847, 1.9333
YIQ	78.3890, -1.4590, -45.1630

Conversions

Conversions Part 2

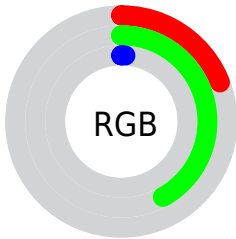
Format	Color
RYB	3, 108, 62
Decimal	3238915
CIELab	40.22, -36.35, 44.76
CIELCh	40, 57.655, 129.081
Yxy	11.3847, 0.3329, 0.5703
Android (android.graphics.Color)	4281428995 (0xFF316C03)
YUV	78.3890, -37.1668, -25.7742
Hunter-Lab	33.7412, -23.8899, 20.2215

Details

The Hex color **316C03** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E036C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **67A03D**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **2F6C00**, and if you desaturate by 10%, it is **376C0E**.

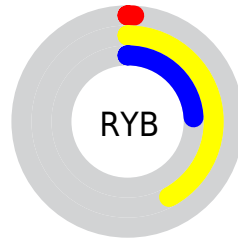
Distribution



Red (19%)

Green (42%)

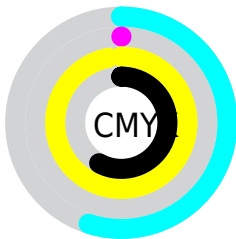
Blue (1%)



Red (1%)

Yellow (42%)

Blue (24%)

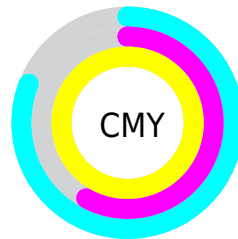


Cyan (55%)

Magenta (0%)

Yellow (97%)

Black (58%)



Cyan (81%)


Magenta (58%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316C03 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 316C03 by changing the saturation by 10% instead.

 316C03

 316C03

 FFFFFB

 135300

 67A03D

 003B00

 82BB56

 002700

 9DD770

 000200


 B9F48B

 000000

 D6FFA6

 F3FFC1

 FFFFDE

 316C03

 316C03

■ 2F6C00

■ 376C0E

■ 3D6C19

■ 436C23

■ 496C2E

■ 4F6C39

■ 556C44

■ 5B6C4F

■ 626C59

■ 686C64

Harmonies

Analogous

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



666100



316C03



00723B

Triad

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



316C03



006DB7



B12753

Complementary

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



316C03



3E036C

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.



A13181



316C03



0060BD

Square

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



316C03



007399



714BA9



A83925

Rectangle

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



316C03



00735C



714BA9



AF2762

Sweetspot

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



316C03



758C64



6C3D03



39472E



C7C7C7



474747

Same Dimension

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



316C03



3D8C00



036C08



333630



337500



6BF500

Inverse Universe

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



3E036C



4F008C



6C0367



333036



420075



8A00F5

Previews

White Background



This preview shows how the Hex color 316C03 looks on a white background.

Color Contrast Check

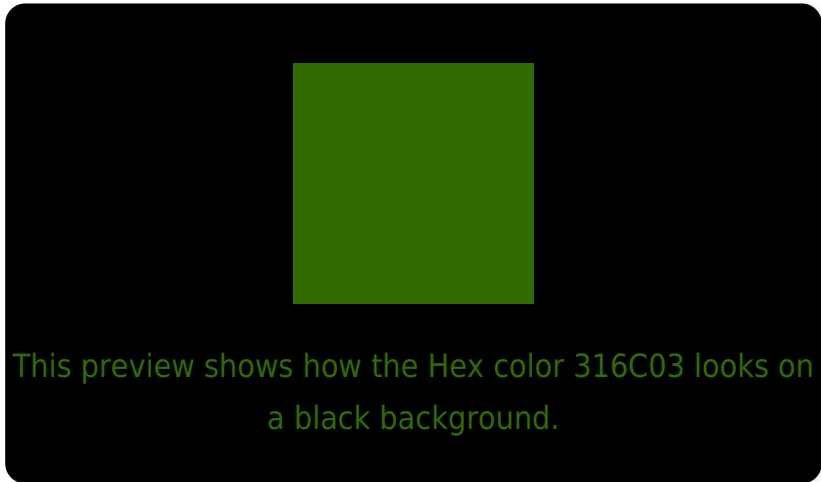
Large Text (above 18pt) WCAG AA ✓ Pass

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

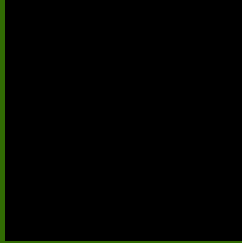
Any Text WCAG AA × Fail

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 316C03 Background



This preview shows how black text looks on a background with the Hex color 316C03.



This preview shows how white text looks on a background with the Hex color 316C03.

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
316C03

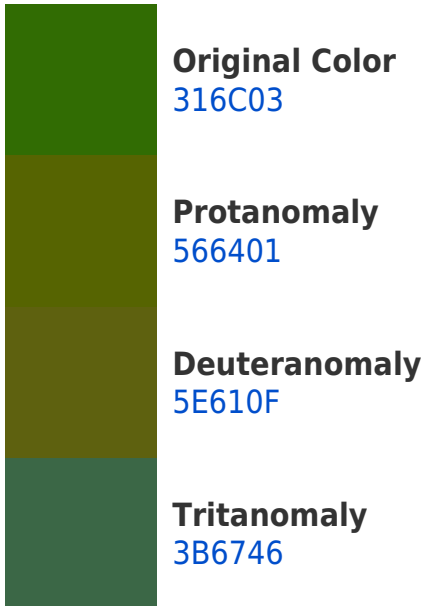
Protanopia
6B5F00

Deuteranopia
775A16



Tritanopia
41646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 316C03 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 #316C03 looks like.

```
.text, #text, p{  
    color:#316C03  
}
```

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 #316C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316C03
}
```

Border

The CSS property to change the border of an element to Hex 316C03 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
#316C03 }
```

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

```
.border{ border-color:#316C03 }
```

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

Here you see how a box with a 4 pixel #316C03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316C03; -webkit-box-shadow:4px 4px  
4px 4px #316C03; box-shadow:4px 4px 4px  
4px #316C03 }
```

Background

The CSS property to change the background color of an element to Hex 316C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316C03 }
```

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

```
.background{ background-color:#316C03 }
```

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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