

Converting Colors

Hex(316240)

Have a look what the booklet for
Hex(316240) contains.

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Color

Hex(316240)

Conversions

Conversions Part 1

Format	Color
Hex	316240
RGB	49, 98, 64
RGB Percent	19%, 38%, 25%
CMY	0.8078, 0.6157, 0.7490
CMYK	0.50, 0.00, 0.35, 0.62
HSL	138°, 33%, 29%
HSV	138°, 50%, 38%
XYZ	6.5597, 9.7585, 6.3883
YIQ	79.4730, -18.2900, -20.9620

Conversions

Conversions Part 2

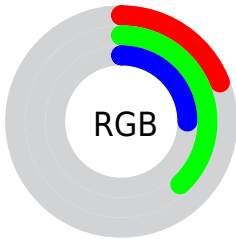
Format	Color
R_{YB}	49, 87, 98
Decimal	3236416
CIE _{Lab}	37.41, -25.10, 14.36
CIE _{LCh}	37, 28.921, 150.222
Yxy	9.7585, 0.2889, 0.4298
Android (android.graphics.Color)	4281426496 (0xFF316240)
YUV	79.4730, -7.6282, -26.7248
Hunter-Lab	31.2386, -17.1847, 9.7421

Details

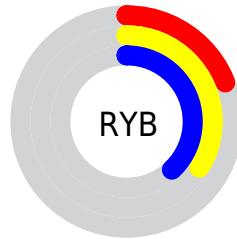
The Hex color **316240** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **623153**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **639570**, and **003315** is the 20% darker color. If you saturate the color by 10%, you get **276239**, and if you desaturate by 10%, it is **3B6247**.

Distribution



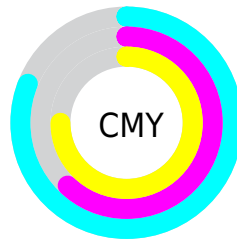
- Red (19%)
- Green (38%)
- Blue (25%)



- Red (19%)
- Yellow (34%)
- Blue (38%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (62%)





- Cyan (81%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316240 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 316240 by changing the saturation by 10% instead.

 316240

 316240

FFFFFF

 184A2A

 639570

 003315

 7CB089

 001F00


 97CCA4

 000000

 B2E8BF

 CEFFDB

 EBFFF7

 316240

 316240

 276239

 3B6247

■ 1D6232

■ 45624E

■ 14622C

■ 4E6254

■ 0A6225

■ 58625B

■ 00621E

■ 626262

■ 6C6269

■ 766270

■ 7F6276

■ 89627D

Harmonies

Analogous

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



4E5E2E



316240



006457

Triad

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



316240



315A86



834742

Complementary

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



316240



623153

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.



834559



316240



5A5280

Square

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



316240



006080



754970



794E30

Rectangle

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



316240



006467



754970



844649

Sweetspot

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



316240



6C8072



536231



344038



BFBFBF



404040

Same Dimension

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



316240



33804A



316258



2C302D



007022



00F049

Inverse Universe

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



623153



803368



62313B



302C2F



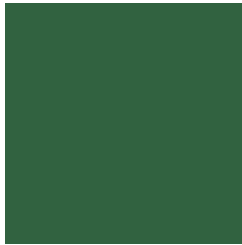
70004E



F000A6

Previews

White Background



This preview shows how the Hex color 316240 looks on a white background.

Color Contrast Check

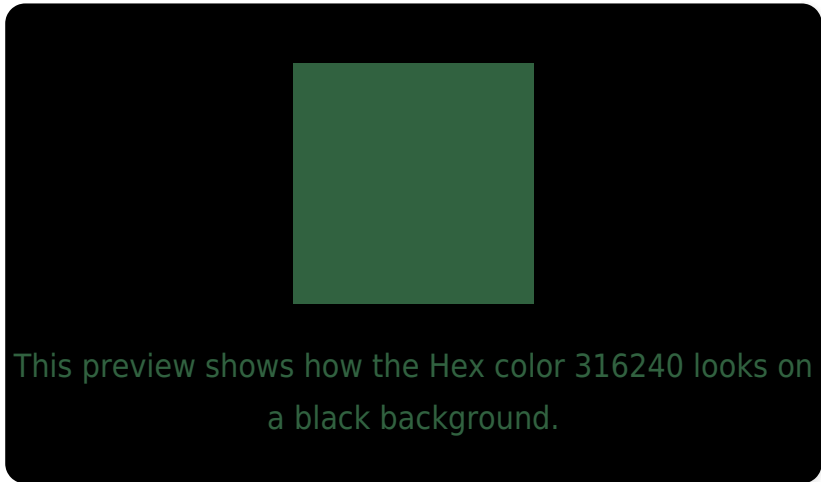
Large Text (above 18pt) WCAG AA ✓ Pass

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

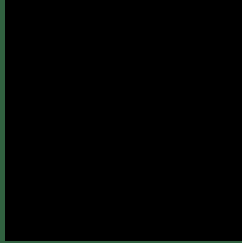
Any Text WCAG AA × Fail

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 316240 Background



This preview shows how black text looks on a background with the Hex color 316240.



This preview shows how white text looks on a background with the Hex color 316240.

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
316240

Protanopia
5F583C

Deuteranopia
675443

Trichromacy



Original Color
316240

Protanomaly
4E5C3D

Deuteranomaly
535942

Tritanomaly
375F58

Monochromacy



Original Color
316240

Achromatopsia
4F4F4F

Achromatomaly
44564A

CSS Examples

Text

The CSS property to change the color of the text to Hex 316240 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 #316240 looks like.

```
.text, #text, p{  
    color:#316240  
}
```

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 #316240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316240
}
```

Border

The CSS property to change the border of an element to Hex 316240 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".

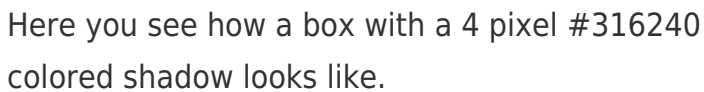
```
.border, #border, table{ border:4px solid
#316240 }
```

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

```
.border{ border-color:#316240 }
```

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

Here you see how a box with a 4 pixel #316240 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316240; -webkit-box-shadow:4px 4px  
4px 4px #316240; box-shadow:4px 4px 4px  
4px #316240 }
```

Background

The CSS property to change the background color of an element to Hex 316240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316240 }
```

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

```
.background{ background-color:#316240 }
```

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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