

Converting Colors

Hex(416330)

Have a look what the booklet for
Hex(416330) contains.

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Color

Hex(416330)

Conversions

Conversions Part 1

Format	Color
Hex	416330
RGB	65, 99, 48
RGB Percent	25%, 39%, 19%
CMY	0.7451, 0.6118, 0.8118
CMYK	0.34, 0.00, 0.52, 0.61
HSL	100°, 35%, 29%
HSV	100°, 52%, 39%
XYZ	7.1753, 10.2609, 4.3987
YIQ	83.0200, -3.8930, -23.0690

Conversions

Conversions Part 2

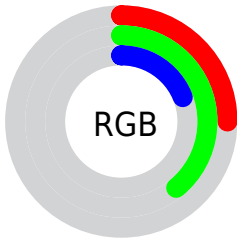
Format	Color
RYB	48, 99, 82
Decimal	4285232
CIELab	38.31, -22.76, 25.01
CIELCh	38, 33.815, 132.309
Yxy	10.2609, 0.3286, 0.4699
Android (android.graphics.Color)	4282475312 (0xFF416330)
YUV	83.0200, -17.2649, -15.8035
Hunter-Lab	32.0326, -16.0731, 14.2812

Details

The Hex color **416330** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **523063**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **73965F**, and **123401** is the 20% darker color. If you saturate the color by 10%, you get **3A6326**, and if you desaturate by 10%, it is **48633A**.

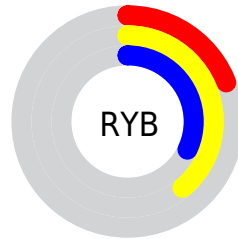
Distribution



Red (25%)

Green (39%)

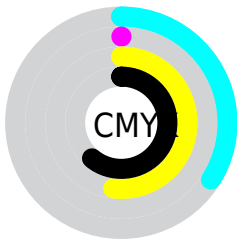
Blue (19%)



Red (19%)

Yellow (39%)

Blue (32%)

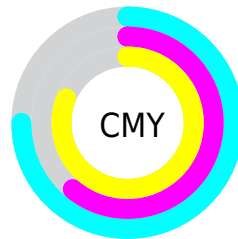


Cyan (34%)

Magenta (0%)

Yellow (52%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416330 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 416330 by changing the saturation by 10% instead.

 416330

 416330

FFFFFF

 294B1A

 73965F

 123401

 8DB178

 002000


 A8CC92

 000000

 C3E9AD

 DFFFC9

 FCFE5

 416330

 416330

 3A6326

 48633A

■ 34631C

■ 4E6344

■ 2D6312

■ 55634E

■ 276308

■ 5B6358

■ 216300

■ 626362

■ 69636B

■ 6F6375

■ 76637F

■ 7C6389

Harmonies

Analogous

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



5F5C22



416330



116749

Triad

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



416330



00628E



8D4350

Complementary

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



416330



523063

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.



84456B



416330



405990

Square

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



416330



00667E



6B4E83



884937

Rectangle

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



416330



00685B



6B4E83



8C4359

Sweetspot

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



416330



73806C



635230



384034



BFBFBF



404040

Same Dimension

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



416330



4B8030



306339



2D302C



257000



50F000

Inverse Universe

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



523063



653080



63305B



2F2C30



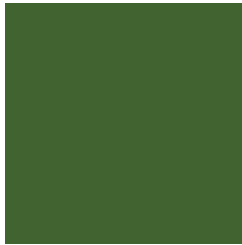
4B0070



A000F0

Previews

White Background



This preview shows how the Hex color 416330 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

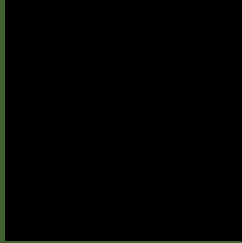
Any Text WCAG AA × Fail

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 416330 Background



This preview shows how black text looks on a background with the Hex color 416330.



This preview shows how white text looks on a background with the Hex color 416330.

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](#).

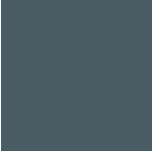
Dichromacy



Original Color
416330

Protanopia
635A2D

Deuteranopia
6E5633



Tritanopia
4A5D65

Trichromacy



Original Color
416330

Protanomaly
575D2E

Deuteranomaly
5E5B32

Tritanomaly
475F52

Monochromacy



Original Color
416330

Achromatopsia
535353

Achromatomaly
4C5946

CSS Examples

Text

The CSS property to change the color of the text to Hex 416330 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 #416330 looks like.

```
.text, #text, p{  
    color:#416330  
}
```

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 #416330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416330
}
```

Border

The CSS property to change the border of an element to Hex 416330 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".

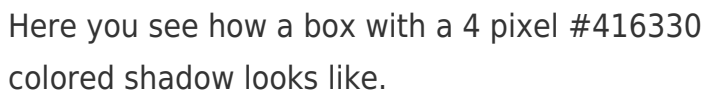
```
.border, #border, table{ border:4px solid
#416330 }
```

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

```
.border{ border-color:#416330 }
```

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

Here you see how a box with a 4 pixel #416330 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416330; -webkit-box-shadow:4px 4px  
4px 4px #416330; box-shadow:4px 4px 4px  
4px #416330 }
```

Background

The CSS property to change the background color of an element to Hex 416330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416330 }
```

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

```
.background{ background-color:#416330 }
```

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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