

Converting Colors

Hex(415C16)

Have a look what the booklet for
Hex(415C16) contains.

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Color

Hex(415C16)

Conversions

Conversions Part 1

Format	Color
Hex	415C16
RGB	65, 92, 22
RGB Percent	25%, 36%, 9%
CMY	0.7451, 0.6392, 0.9137
CMYK	0.29, 0.00, 0.76, 0.64
HSL	83°, 61%, 22%
HSV	83°, 76%, 36%
XYZ	6.1519, 8.8360, 2.1403
YIQ	75.9470, 6.3780, -27.4940

Conversions

Conversions Part 2

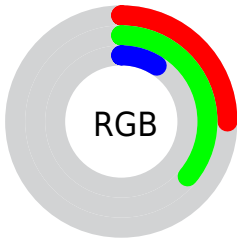
Format	Color
R_{YB}	22, 92, 49
Decimal	4283414
CIE _{Lab}	35.67, -21.95, 35.10
CIE _{LCh}	36, 41.401, 122.015
Yxy	8.8360, 0.3592, 0.5159
Android (android.graphics.Color)	4282473494 (0xFF415C16)
YUV	75.9470, -26.5959, -9.6005
Hunter-Lab	29.7255, -15.0775, 16.5387

Details

The Hex color **415C16** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31165C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **738E46**, and **112E00** is the 20% darker color. If you saturate the color by 10%, you get **3D5C0D**, and if you desaturate by 10%, it is **455C1F**.

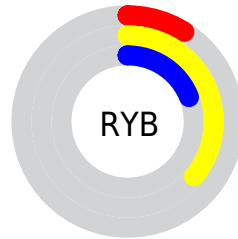
Distribution



Red (25%)

Green (36%)

Blue (9%)



Red (9%)

Yellow (36%)

Blue (19%)

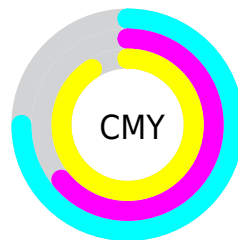


Cyan (29%)

Magenta (0%)

Yellow (76%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415C16 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 415C16 by changing the saturation by 10% instead.



415C16



415C16

FFFFFF



294400



738E46



112E00



8EA95F



001B00



A9C478



000000



C5E092



E1FDAD



FEFFC9



FFFFE5



415C16



415C16

■ 3D5C0D

■ 455C1F

■ 3A5C04

■ 485C28

■ 395C00

■ 4C5C32

■ 4F5C3B

■ 535C44

■ 565C4D

■ 5A5C56

■ 5D5C60

■ 615C69

Harmonies

Analogous

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



635307



415C16



016133

Triad

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



415C16



005F8E



8E3453

Complementary

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



415C16



31165C

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.



7E3C74



415C16



005796

Square

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



415C16



006376



574A8C



8D3933

Rectangle

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



415C16



00634A



574A8C



8B355E

Sweetspot

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



415C16



6D785C



5C3116



373D2C



BDBDBD



3D3D3D

Same Dimension

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



415C16



4E780B



1E5C16



2C2E29



436E00



92ED00

Inverse Universe

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



31165C



350B78



54165C



2B292E



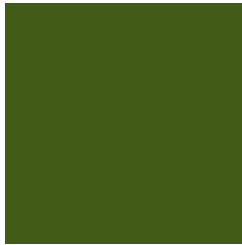
2A006E



5B00ED

Previews

White Background



This preview shows how the Hex color 415C16 looks on a white background.

Color Contrast Check

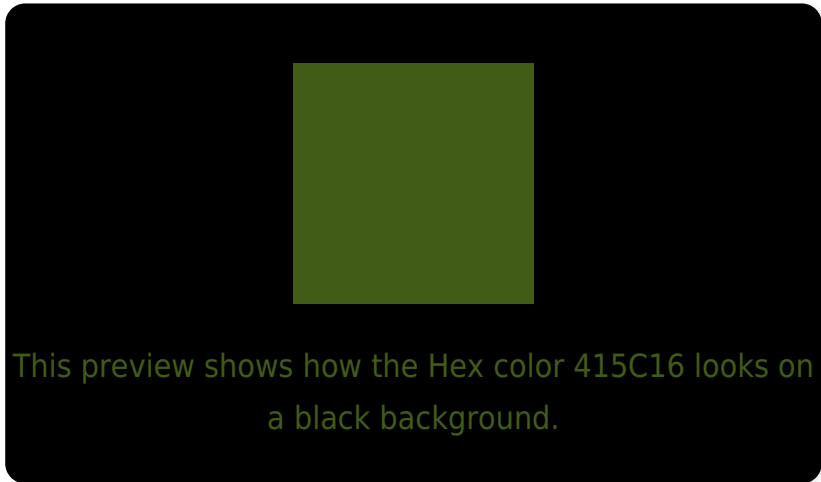
Large Text (above 18pt) WCAG AA ✓ Pass

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

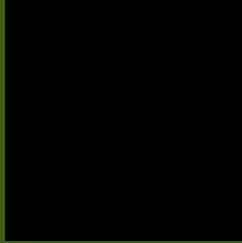
Any Text WCAG AA × Fail

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 415C16 Background



This preview shows how black text looks on a background with the Hex color 415C16.



This preview shows how white text looks on a background with the Hex color 415C16.

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](#).

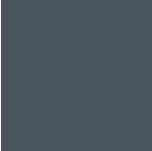
Dichromacy



Original Color
415C16

Protanopia
5E5414

Deuteranopia
69501B



Tritanopia
49565D

Trichromacy



Original Color
415C16

Protanomaly
535715

Deuteranomaly
5A5419

Tritanomaly
465843

Monochromacy



Original Color
415C16

Achromatopsia
4C4C4C

Achromatomaly
485238

CSS Examples

Text

The CSS property to change the color of the text to Hex 415C16 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 #415C16 looks like.

```
.text, #text, p{  
    color:#415C16  
}
```

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 #415C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415C16
}
```

Border

The CSS property to change the border of an element to Hex 415C16 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
#415C16 }
```

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

```
.border{ border-color:#415C16 }
```

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

Here you see how a box with a 4 pixel #415C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415C16; -webkit-box-shadow:4px 4px  
4px 4px #415C16; box-shadow:4px 4px 4px  
4px #415C16 }
```

Background

The CSS property to change the background color of an element to Hex 415C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415C16 }
```

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

```
.background{ background-color:#415C16 }
```

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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