

Converting Colors

Hex(415D00)

Have a look what the booklet for
Hex(415D00) contains.

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Color

Hex(415D00)

Conversions

Conversions Part 1

Format	Color
Hex	415D00
RGB	65, 93, 0
RGB Percent	25%, 36%, 0%
CMY	0.7451, 0.6353, 1.0000
CMYK	0.30, 0.00, 1.00, 0.64
HSL	78°, 100%, 18%
HSV	78°, 100%, 36%
XYZ	6.0943, 8.9525, 1.4068
YIQ	74.0260, 13.1650, -34.8590

Conversions

Conversions Part 2

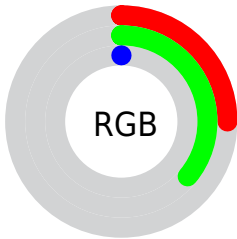
Format	Color
RYB	0, 93, 28
Decimal	4283648
CIELab	35.89, -23.55, 42.54
CIElCh	36, 48.624, 118.971
Yxy	8.9525, 0.3704, 0.5441
Android (android.graphics.Color)	4282473728 (0xFF415D00)
YUV	74.0260, -36.4948, -7.9158
Hunter-Lab	29.9208, -16.0041, 18.1569

Details

The Hex color **415D00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1C005D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **748F38**, and **0E2F00** is the 20% darker color. If you saturate the color by 10%, you get **415D00**, and if you desaturate by 10%, it is **445D09**.

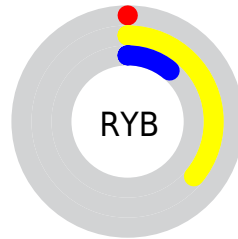
Distribution



Red (25%)

Green (36%)

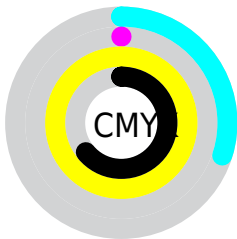
Blue (0%)



Red (0%)

Yellow (36%)

Blue (11%)

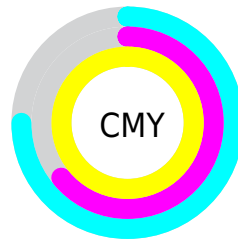


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415D00 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 415D00 by changing the saturation by 10% instead.

 415D00

 415D00

 FFFFF3

 294500

 748F38

 0E2F00

 8FAA51

 001C00

 AAC56A


 000000

 C6E184

 E3FE9F

 FFFFBB

 FFFFD7

 415D00

 445D09

 475D13

 495D1C

 4C5D25

 4F5D2F

 525D38

 555D41

 575D4A

 5A5D54

Harmonies

Analogous

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



675200



415D00



00632A

Triad

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



415D00



006297



972A57

Complementary

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



415D00



1C005D

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.



81377D



415D00



005AA3

Square

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



415D00



006679



4F4B99



973131

Rectangle

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



415D00



006544



4F4B99



922D65

Sweetspot

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



415D00



6D7854



5D1C00



373D27



BDBDBD



3D3D3D

Same Dimension

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



415D00



547800



135D00



2D2E29



4D6E00



A6ED00

Inverse Universe

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



1C005D



240078



4A005D



2B292E



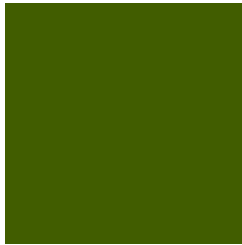
21006E



4700ED

Previews

White Background



This preview shows how the Hex color 415D00 looks on a white background.

Color Contrast Check

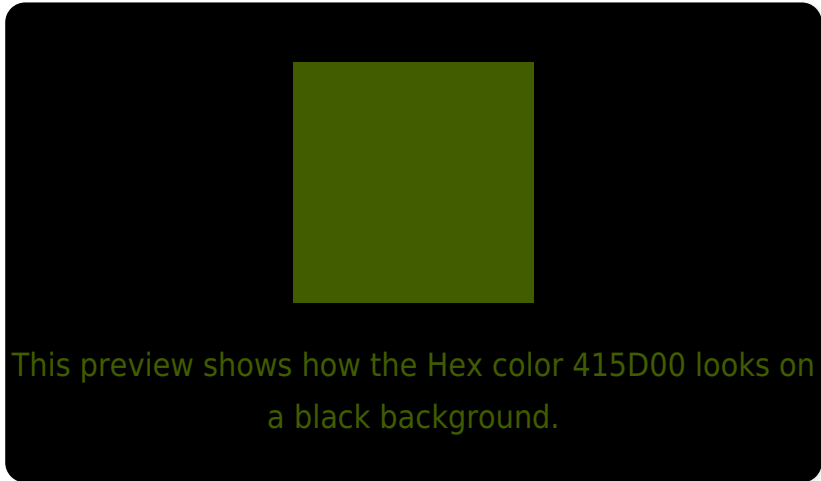
Large Text (above 18pt) WCAG AA ✓ Pass

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 415D00 Background



This preview shows how black text looks on a background with the Hex color 415D00.



This preview shows how white text looks on a background with the Hex color 415D00.

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](#).

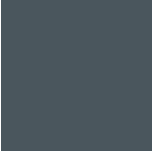
Dichromacy



Original Color
415D00

Protanopia
5F5500

Deuteranopia
6A5012



Tritanopia
4A565D

Trichromacy



Original Color
415D00

Protanomaly
545800

Deuteranomaly
5B550B

Tritanomaly
47593B

Monochromacy



Original Color
415D00

Achromatopsia
4A4A4A

Achromatomaly
47512F

CSS Examples

Text

The CSS property to change the color of the text to Hex 415D00 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 #415D00 looks like.

```
.text, #text, p{  
    color:#415D00  
}
```

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 #415D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415D00  
}
```

Border

The CSS property to change the border of an element to Hex 415D00 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  
#415D00 }
```

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

```
.border{ border-color:#415D00 }
```

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

Here you see how a box with a 4 pixel #415D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415D00; -webkit-box-shadow:4px 4px  
4px 4px #415D00; box-shadow:4px 4px 4px  
4px #415D00 }
```

Background

The CSS property to change the background color of an element to Hex 415D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415D00 }
```

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

```
.background{ background-color:#415D00 }
```

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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