

Converting Colors

Hex(415A00)

Have a look what the booklet for
Hex(415A00) contains.

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Color

Hex(415A00)

Conversions

Conversions Part 1

Format	Color
Hex	415A00
RGB	65, 90, 0
RGB Percent	25%, 35%, 0%
CMY	0.7451, 0.6471, 1.0000
CMYK	0.28, 0.00, 1.00, 0.65
HSL	77°, 100%, 18%
HSV	77°, 100%, 35%
XYZ	5.8361, 8.4361, 1.3207
YIQ	72.2650, 13.9900, -33.2900

Conversions

Conversions Part 2

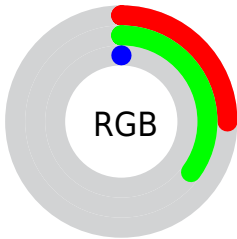
Format	Color
RYB	0, 90, 25
Decimal	4282880
CIELab	34.88, -22.03, 41.76
CIELCh	35, 47.218, 117.815
Yxy	8.4361, 0.3743, 0.5410
Android (android.graphics.Color)	4282472960 (0xFF415A00)
YUV	72.2650, -35.6266, -6.3714
Hunter-Lab	29.0450, -14.9621, 17.6355

Details

The Hex color **415A00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **19005A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **748C37**, and **0F2C00** is the 20% darker color. If you saturate the color by 10%, you get **415A00**, and if you desaturate by 10%, it is **445A09**.

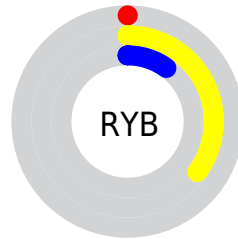
Distribution



Red (25%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (10%)

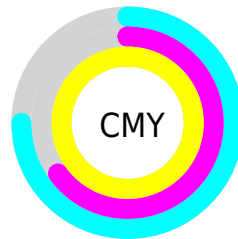


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415A00 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 415A00 by changing the saturation by 10% instead.

 415A00

 415A00

 FFFFF2

 294200

 748C37

 0F2C00

 8FA750

 001A00

 AAC269

 000000

 C6DE83

 E3FA9E

 FFFFB9

 FFFF D6

 415A00

 445A09

 465A12

 495A1B

 4B5A24

 4E5A2D

 505A36

 535A3F

 555A48

 585A51

Harmonies

Analogous

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



664F00



415A00



006027

Triad

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



415A00



006092



922A56

Complementary

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



415A00



19005A

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.



7C377B



415A00



00579E

Square

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



415A00



006374



4A4995



922F31

Rectangle

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



415A00



006241



4A4995



8D2D63

Sweetspot

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



415A00



6C7552



5A1800



353B26



BABABA



3B3B3B

Same Dimension

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



415A00



557500



155A00



2D2E29



4F6E00



ABED00

Inverse Universe

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



19005A



210075



45005A



2B292E



1E006E



4200ED

Previews

White Background



This preview shows how the Hex color 415A00 looks on a white background.

Color Contrast Check

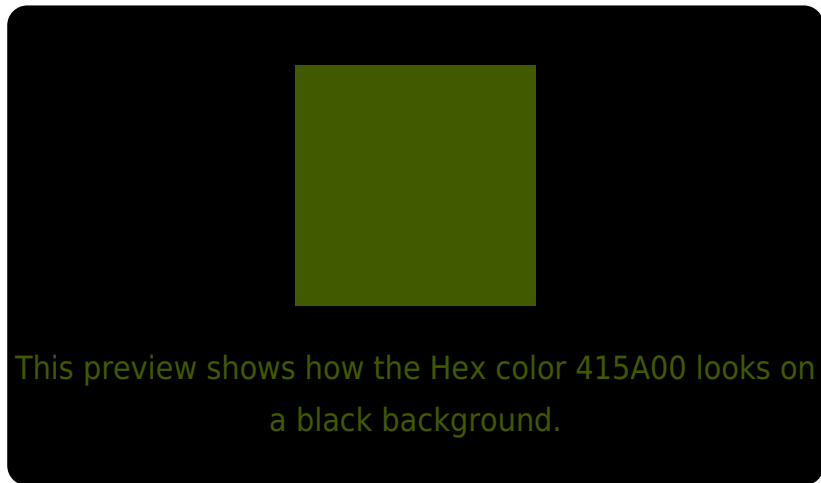
Large Text (above 18pt) WCAG AA ✓ Pass

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 415A00 Background



This preview shows how black text looks on a background with the Hex color 415A00.



This preview shows how white text looks on a background with the Hex color 415A00.

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
415A00

Protanopia
5D5200

Deuteranopia
674E11



Tritanopia
49545A

Trichromacy



Original Color
415A00

Protanomaly
535500

Deuteranomaly
59520B

Tritanomaly
465639

Monochromacy



Original Color
415A00

Achromatopsia
484848

Achromatomaly
454F2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 415A00 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 #415A00 looks like.

```
.text, #text, p{  
    color:#415A00  
}
```

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 #415A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415A00  
}
```

Border

The CSS property to change the border of an element to Hex 415A00 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  
#415A00 }
```

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

```
.border{ border-color:#415A00 }
```

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

Here you see how a box with a 4 pixel #415A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415A00; -webkit-box-shadow:4px 4px  
4px 4px #415A00; box-shadow:4px 4px 4px  
4px #415A00 }
```

Background

The CSS property to change the background color of an element to Hex 415A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415A00 }
```

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

```
.background{ background-color:#415A00 }
```

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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