

Converting Colors

Hex(415233)

Have a look what the booklet for
Hex(415233) contains.

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Color

Hex(415233)

Conversions

Conversions Part 1

Format	Color
Hex	415233
RGB	65, 82, 51
RGB Percent	25%, 32%, 20%
CMY	0.7451, 0.6784, 0.8000
CMYK	0.21, 0.00, 0.38, 0.68
HSL	93°, 23%, 26%
HSV	93°, 38%, 32%
XYZ	5.7948, 7.3974, 4.2544
YIQ	73.3830, -0.1810, -13.2450

Conversions

Conversions Part 2

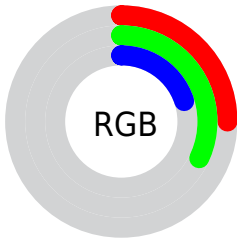
Format	Color
R_{YB}	51, 82, 68
Decimal	4280883
CIE _{Lab}	32.70, -13.10, 16.09
CIE _{LCh}	33, 20.750, 129.155
Y _{xy}	7.3974, 0.3321, 0.4240
Android (android.graphics.Color)	4282470963 (0xFF415233)
YUV	73.3830, -11.0348, -7.3519
Hunter-Lab	27.1982, -9.5659, 9.7645

Details

The Hex color **415233** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **443352**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **718362**, and **162506** is the 20% darker color. If you saturate the color by 10%, you get **3D522B**, and if you desaturate by 10%, it is **45523B**.

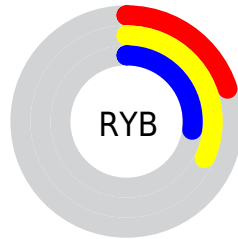
Distribution



Red (25%)

Green (32%)

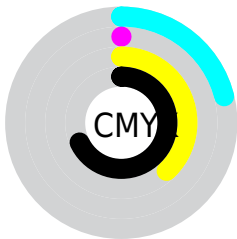
Blue (20%)



Red (20%)

Yellow (32%)

Blue (27%)

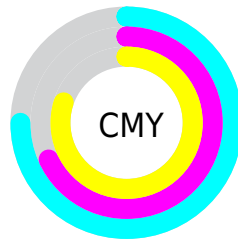


Cyan (21%)

Magenta (0%)

Yellow (38%)

Black (68%)



Cyan (75%)

Magenta (68%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415233 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 415233 by changing the saturation by 10% instead.

 415233

 415233

FFFFFF

 2A3B1D

 718362

 162506

 8B9E7B

 001100

 A6B895


 000000

 C1D4AF

 DDF1CB

 F9FFE7

 415233

 415233

 3D522B

 45523B

■ 385223

■ 4A5243

■ 34521A

■ 4E524C

■ 2F5212

■ 535254

■ 2B520A

■ 57525C

■ 265202

■ 5C5264

■ 255200

■ 60526C

■ 655275

■ 69527D

Harmonies

Analogous

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



534E2C



415233



2D5541

Triad

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



415233



22526B



6D4048

Complementary

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



415233



443352

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.



664259



415233



3E4D6D

Square

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



415233



0C5561



554766



6B4339

Rectangle

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



415233



1E564C



554766



6B404E

Sweetspot

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



415233



656B5F



524433



32362F



B5B5B5



363636

Same Dimension

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



415233



516B3B



335234



272925



2F6900



69E800

Inverse Universe

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



443352



553B6B



523351



272529



390069



7F00E8

Previews

White Background



This preview shows how the Hex color 415233 looks on a white background.

Color Contrast Check

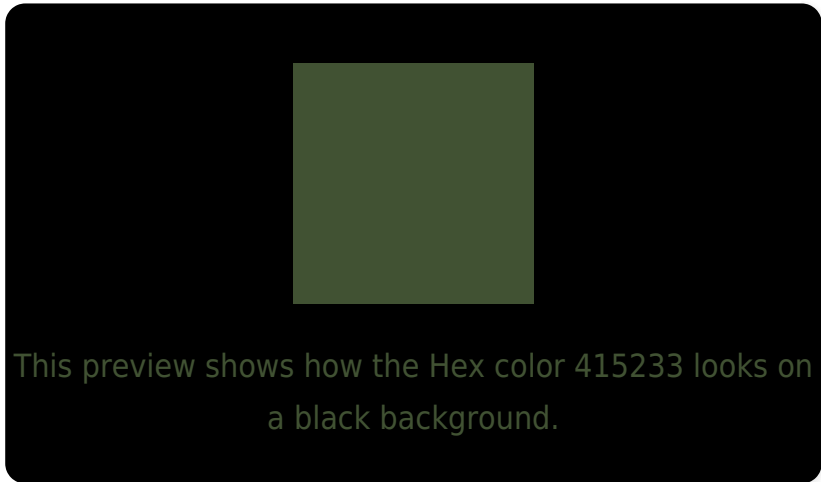
Large Text (above 18pt) WCAG AA ✓ Pass

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

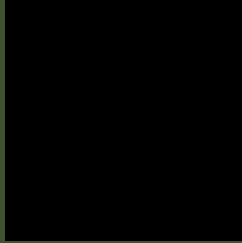
Any Text WCAG AA × Fail

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 415233 Background



This preview shows how black text looks on a background with the Hex color 415233.



This preview shows how white text looks on a background with the Hex color 415233.

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
415233

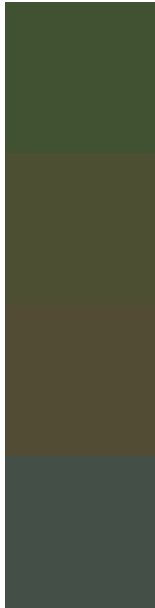
Protanopia
544D31

Deuteranopia
5C4935



Tritanopia
464E54

Trichromacy



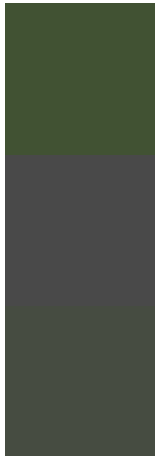
Original Color
415233

Protanomaly
4D4F32

Deuteranomaly
524C34

Tritanomaly
444F48

Monochromacy



Original Color
415233

Achromatopsia
494949

Achromatomaly
464C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 415233 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 #415233 looks like.

```
.text, #text, p{  
    color:#415233  
}
```

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 #415233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415233
}
```

Border

The CSS property to change the border of an element to Hex 415233 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".

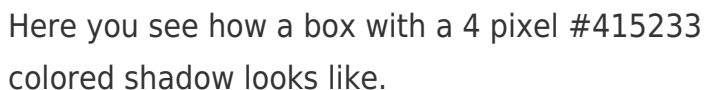
```
.border, #border, table{ border:4px solid
#415233 }
```

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

```
.border{ border-color:#415233 }
```

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

Here you see how a box with a 4 pixel #415233 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415233; -webkit-box-shadow:4px 4px  
4px 4px #415233; box-shadow:4px 4px 4px  
4px #415233 }
```

Background

The CSS property to change the background color of an element to Hex 415233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415233 }
```

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

```
.background{ background-color:#415233 }
```

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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