

Converting Colors

Hex(415E37)

Have a look what the booklet for
Hex(415E37) contains.

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Color

Hex(415E37)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 415E37 |
| RGB | 65, 94, 55 |
| RGB Percent | 25%, 37%, 22% |
| CMY | 0.7451, 0.6314, 0.7843 |
| CMYK | 0.31, 0.00, 0.41, 0.63 |
| HSL | 105°, 26%, 29% |
| HSV | 105°, 41%, 37% |
| XYZ | 6.8723, 9.4051, 5.0676 |
| YIQ | 80.8830, -4.7650, -18.2770 |

Conversions

Conversions Part 2

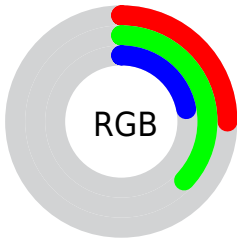
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 55, 94, 84 |
| Decimal | 4283959 |
| CIELab | 36.75, -19.08, 19.01 |
| CIELCh | 37, 26.937, 135.105 |
| Yxy | 9.4051, 0.3220, 0.4406 |
| Android (android.graphics.Color) | 4282474039 (0xFF415E37) |
| YUV | 80.8830, -12.7603, -13.9294 |
| Hunter-Lab | 30.6677, -13.6687, 11.6702 |

Details

The Hex color **415E37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **54375E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **729166**, and **14300B** is the 20% darker color. If you saturate the color by 10%, you get **3A5E2E**, and if you desaturate by 10%, it is **485E40**.

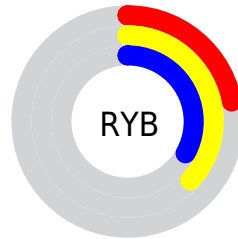
Distribution



Red (25%)

Green (37%)

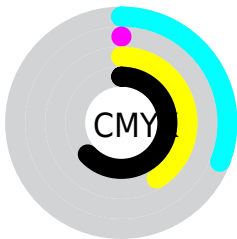
Blue (22%)



Red (22%)

Yellow (37%)

Blue (33%)

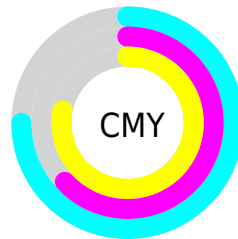


Cyan (31%)

Magenta (0%)

Yellow (41%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415E37 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 415E37 by changing the saturation by 10% instead.

 415E37

 415E37

FFFFFF

 2A4621

 729166

 14300B

 8CAB80

 001C00


 A7C79A

 000000

 C2E3B5

 DEFFD0

 FBFEC

 415E37

 415E37

 3A5E2E

 485E40

■ 335E24

■ 4F5E4A

■ 2C5E1B

■ 565E53

■ 255E11

■ 5D5E5D

■ 1E5E08

■ 645E66

■ 185E00

■ 6B5E6F

■ 725E79

■ 795E82

■ 805E8C

Harmonies

Analogous

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



59592C



415E37



22614B

Triad

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



415E37



1B5C80



80454C

Complementary

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



415E37



54375E

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.



794662



415E37



485580

Square

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



415E37



006075



664D75



7B4A39

Rectangle

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



415E37



00625A



664D75



7F4554

Sweetspot

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



415E37



6F7A6C



5E5437



373D35



BDBDBD



3D3D3D

Same Dimension

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



415E37



4D7A3D



375E40



2A2E29



1C6E00



3DED00

Inverse Universe

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



54375E



6B3D7A



5E3755



2D292E



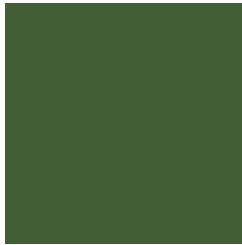
52006E



B000ED

Previews

White Background



This preview shows how the Hex color 415E37 looks on a white background.

Color Contrast Check

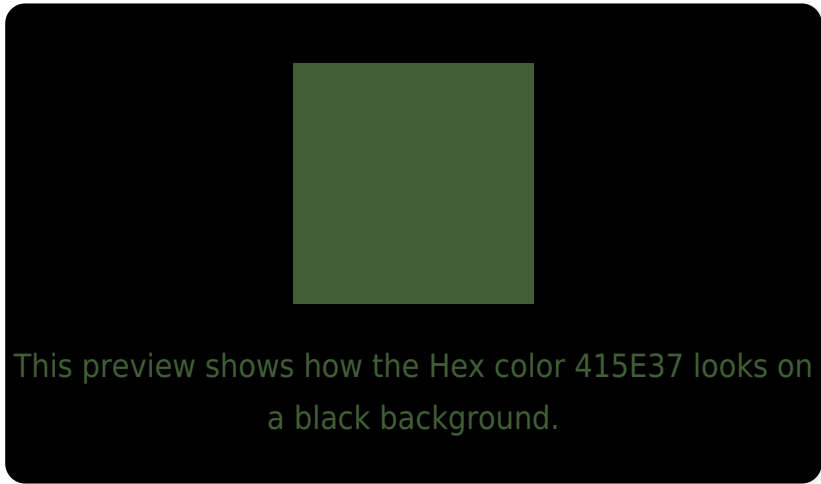
Large Text (above 18pt) WCAG AA ✓ Pass

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

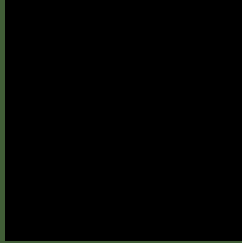
Any Text WCAG AA × Fail

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 415E37 Background



This preview shows how black text looks on a background with the Hex color 415E37.



This preview shows how white text looks on a background with the Hex color 415E37.

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](#).

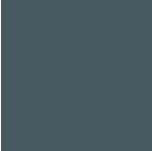
Dichromacy



Original Color
415E37

Protanopia
5E5634

Deuteranopia
67523A



Tritanopia
485960

Trichromacy



Original Color
415E37

Protanomaly
535935

Deuteranomaly
595639

Tritanomaly
455B51

Monochromacy



Original Color
415E37

Achromatopsia
515151

Achromatomaly
4B5648

CSS Examples

Text

The CSS property to change the color of the text to Hex 415E37 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 #415E37 looks like.

```
.text, #text, p{  
    color:#415E37  
}
```

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 #415E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415E37
}
```

Border

The CSS property to change the border of an element to Hex 415E37 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
#415E37 }
```

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

```
.border{ border-color:#415E37 }
```

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

Here you see how a box with a 4 pixel #415E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415E37; -webkit-box-shadow:4px 4px  
4px 4px #415E37; box-shadow:4px 4px 4px  
4px #415E37 }
```

Background

The CSS property to change the background color of an element to Hex 415E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415E37 }
```

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

```
.background{ background-color:#415E37 }
```

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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