

Converting Colors

Hex(415D47)

Have a look what the booklet for
Hex(415D47) contains.

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Color

Hex(415D47)

Conversions

Conversions Part 1

Format	Color
Hex	415D47
RGB	65, 93, 71
RGB Percent	25%, 36%, 28%
CMY	0.7451, 0.6353, 0.7216
CMYK	0.30, 0.00, 0.24, 0.64
HSL	133°, 18%, 31%
HSV	133°, 30%, 36%
XYZ	7.2317, 9.4075, 7.3959
YIQ	82.1200, -9.6260, -12.7780

Conversions

Conversions Part 2

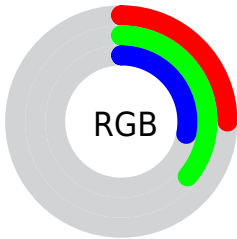
Format	Color
RYB	65, 88, 93
Decimal	4283719
CIELab	36.76, -15.53, 9.36
CIELCh	37, 18.133, 148.932
Yxy	9.4075, 0.3009, 0.3914
Android (android.graphics.Color)	4282473799 (0xFF415D47)
YUV	82.1200, -5.4822, -15.0142
Hunter-Lab	30.6716, -11.5890, 7.1734




Details

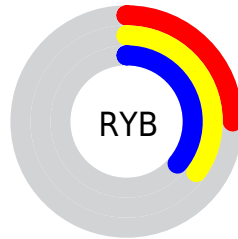
The Hex color **415D47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D4157**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **728F77**, and **142F1C** is the 20% darker color. If you saturate the color by 10%, you get **385D40**, and if you desaturate by 10%, it is **4A5D4E**.

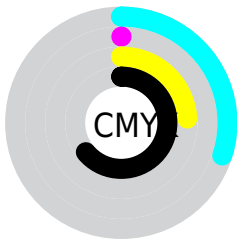
Distribution







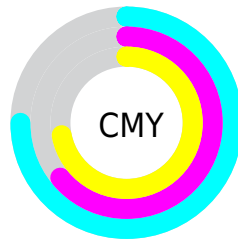
-  Red (25%)
-  Green (36%)
-  Blue (28%)






-  Red (25%)
-  Yellow (35%)
-  Blue (36%)



-  Cyan (30%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (64%)



-  Cyan (75%)
-  Magenta (64%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415D47 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 415D47 by changing the saturation by 10% instead.



415D47



415D47

FFFFFF



2A4531



728F77



142F1C



8BAA91



001B01



A6C5AC



000000



C1E1C7



DDFEE3



FAFFFF



415D47



415D47



385D40



4A5D4E

 2E5D38

 545D56

 255D31

 5D5D5D

 1C5D2A

 665D64

 125D22

 705D6C

 095D1B

 795D73

 005D14

 825D7A

 8B5D81

 955D89

Harmonies

Analogous

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



525A3D



415D47



315E55

Triad

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



415D47



435873



734D49

Complementary

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



415D47



5D4157

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.



724C58



415D47



585370

Square

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



415D47



2F5C6F



694E66



6D503E

Rectangle

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



415D47



2A5E5F



694E66



744C4E

Sweetspot

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



415D47



6D786F



575D41



363D38



BDBDBD



3D3D3D

Same Dimension

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



415D47



4D7856



415D55



292E2A



006E17



00ED33

Inverse Universe

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



5D4157



784D6F



5D4149



2E292D



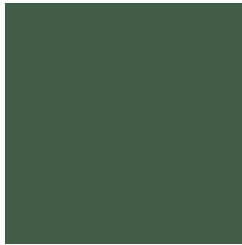
6E0056



ED00BA

Previews

White Background



This preview shows how the Hex color 415D47 looks on a white background.

Color Contrast Check

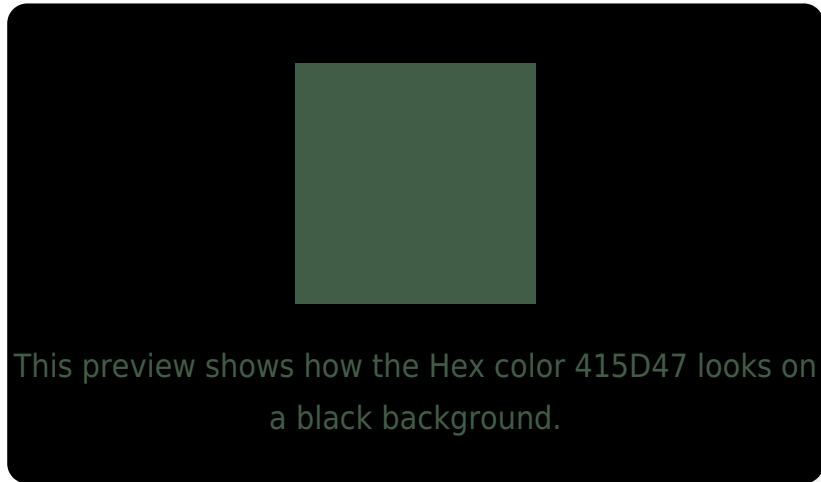
Large Text (above 18pt) WCAG AA ✓ Pass

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

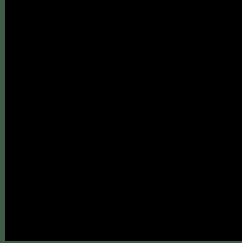
Any Text WCAG AA × Fail

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 415D47 Background



This preview shows how black text looks on a background with the Hex color 415D47.



This preview shows how white text looks on a background with the Hex color 415D47.

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](#).

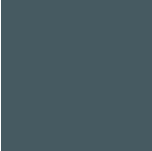
Dichromacy



Original Color
415D47

Protanopia
5C5644

Deuteranopia
635349



Tritanopia
465A61

Trichromacy



Original Color
415D47

Protanomaly
525945

Deuteranomaly
575748

Tritanomaly
445B58

Monochromacy



Original Color
415D47

Achromatopsia
525252

Achromatomaly
4C564E

CSS Examples

Text

The CSS property to change the color of the text to Hex 415D47 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 #415D47 looks like.

```
.text, #text, p{  
    color:#415D47  
}
```

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 #415D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415D47  
}
```

Border

The CSS property to change the border of an element to Hex 415D47 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".

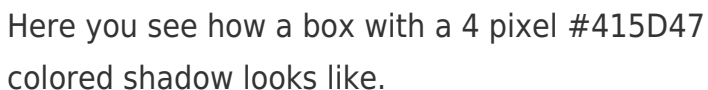
```
.border, #border, table{ border:4px solid  
#415D47 }
```

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

```
.border{ border-color:#415D47 }
```

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

Here you see how a box with a 4 pixel #415D47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415D47; -webkit-box-shadow:4px 4px  
4px 4px #415D47; box-shadow:4px 4px 4px  
4px #415D47 }
```

Background

The CSS property to change the background color of an element to Hex 415D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415D47 }
```

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

```
.background{ background-color:#415D47 }
```

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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