

Converting Colors

Hex(417F37)

Have a look what the booklet for
Hex(417F37) contains.

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Color

Hex(417F37)

Conversions

Conversions Part 1

Format	Color
Hex	417F37
RGB	65, 127, 55
RGB Percent	25%, 50%, 22%
CMY	0.7451, 0.5020, 0.7843
CMYK	0.49, 0.00, 0.57, 0.50
HSL	112°, 40%, 36%
HSV	112°, 57%, 50%
XYZ	10.4589, 16.5784, 6.2631
YIQ	100.2540, -13.8400, -35.5360

Conversions

Conversions Part 2

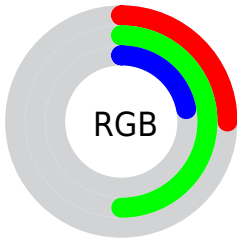
Format	Color
RYB	55, 127, 117
Decimal	4292407
CIELab	47.72, -35.07, 32.67
CIELCh	48, 47.929, 137.037
Yxy	16.5784, 0.3141, 0.4978
Android (android.graphics.Color)	4282482487 (0xFF417F37)
YUV	100.2540, -22.3102, -30.9178
Hunter-Lab	40.7166, -25.4024, 19.3815

Details

The Hex color **417F37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75377F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **76B468**, and **044D06** is the 20% darker color. If you saturate the color by 10%, you get **367F2A**, and if you desaturate by 10%, it is **4C7F44**.

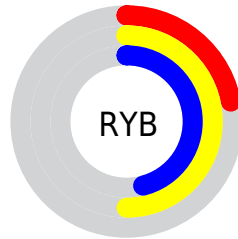
Distribution



Red (25%)

Green (50%)

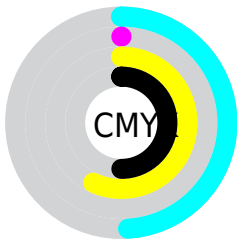
Blue (22%)



Red (22%)

Yellow (50%)

Blue (46%)

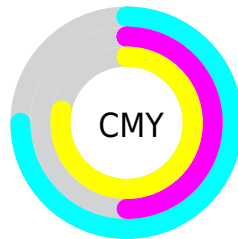


Cyan (49%)

Magenta (0%)

Yellow (57%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417F37 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 417F37 by changing the saturation by 10% instead.



417F37



417F37

FFFFFF



26661F



76B468



044D06



90D082



003500



ACED9C



002200



C8FFB7



000000



E5FFD3



FFFFF0



417F37



417F37



367F2A



4C7F44

 2B7F1E

 577F50

 207F11

 627F5D

 157F04

 6D7F6A

 127F00

 787F77

 837F83

 8E7F90

 987F9D

 A37FA9

Harmonies

Analogous

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



71761C



417F37



00845E

Triad

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



417F37



007BC0



BB4D5C

Complementary

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



417F37



75377F

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.



B24E85



417F37



516EBF

Square

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



417F37



0082AC



905DA9



B05937

Rectangle

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



417F37



00857A



905DA9



BA4B69

Sweetspot

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



417F37



8DA68A



7F7437



465443



D4D4D4



545454

Same Dimension

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



417F37



45A635



377F50



3A4039



128000



000000

Inverse Universe

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



75377F



9635A6



7F3766



3F3940



6E0080



000000

Previews

White Background



This preview shows how the Hex color 417F37 looks on a white background.

Color Contrast Check

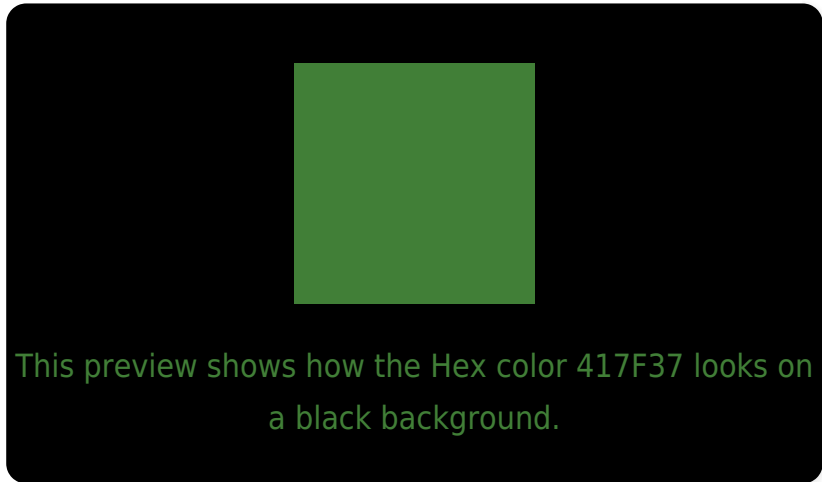
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 417F37 Background



This preview shows how black text looks on a background with the Hex color 417F37.



This preview shows how white text looks on a background with the Hex color 417F37.

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
417F37

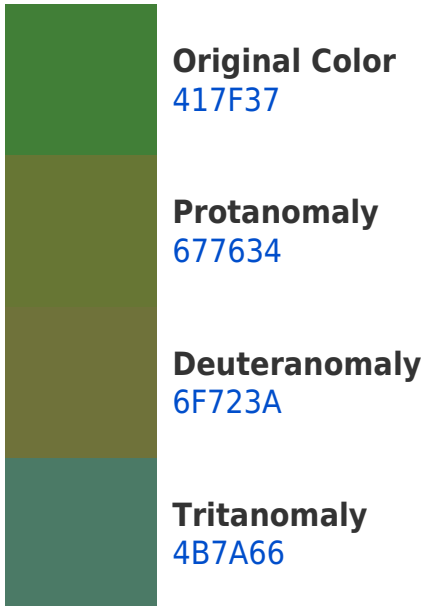
Protanopia
7D7133

Deuteranopia
8A6B3C



Tritanopia
507781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 417F37 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 #417F37 looks like.

```
.text, #text, p{  
    color:#417F37  
}
```

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 #417F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417F37
}
```

Border

The CSS property to change the border of an element to Hex 417F37 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
#417F37 }
```

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

```
.border{ border-color:#417F37 }
```

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

Here you see how a box with a 4 pixel #417F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417F37; -webkit-box-shadow:4px 4px  
4px 4px #417F37; box-shadow:4px 4px 4px  
4px #417F37 }
```

Background

The CSS property to change the background color of an element to Hex 417F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417F37 }
```

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

```
.background{ background-color:#417F37 }
```

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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