

Converting Colors

Hex(417A0F)

Have a look what the booklet for
Hex(417A0F) contains.

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Color

Hex(417A0F)

Conversions

Conversions Part 1

Format	Color
Hex	417A0F
RGB	65, 122, 15
RGB Percent	25%, 48%, 6%
CMY	0.7451, 0.5216, 0.9412
CMYK	0.47, 0.00, 0.88, 0.52
HSL	92°, 78%, 27%
HSV	92°, 88%, 48%
XYZ	9.2257, 15.0774, 2.8759
YIQ	92.7590, 0.3750, -45.3610

Conversions

Conversions Part 2

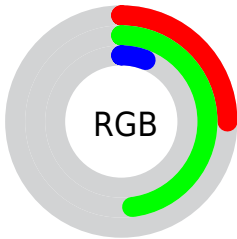
Format	Color
RYB	15, 122, 72
Decimal	4291087
CIELab	45.74, -36.33, 46.89
CIELCh	46, 59.317, 127.774
Yxy	15.0774, 0.3394, 0.5547
Android (android.graphics.Color)	4282481167 (0xFF417A0F)
YUV	92.7590, -38.3352, -24.3446
Hunter-Lab	38.8296, -25.5410, 22.7894

Details

The Hex color **417A0F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **480F7A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **77AF46**, and **044800** is the 20% darker color. If you saturate the color by 10%, you get **3B7A03**, and if you desaturate by 10%, it is **477A1B**.

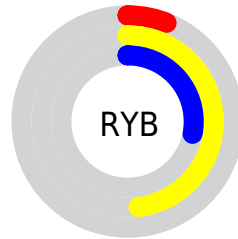
Distribution



Red (25%)

Green (48%)

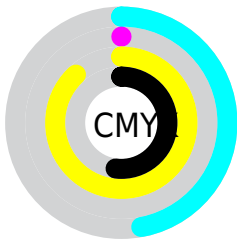
Blue (6%)



Red (6%)

Yellow (48%)

Blue (28%)

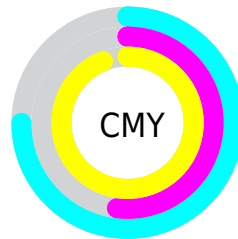


Cyan (47%)

Magenta (0%)

Yellow (88%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417A0F 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 417A0F by changing the saturation by 10% instead.



417A0F



417A0F

FFFFFF



256100



77AF46



044800



92CB60



003100



AEE77A



001C00



CAFF95



000000



E7FFB0



FFFBCD



FFFEE9



417A0F



417A0F

■ 3B7A03

■ 477A1B

■ 397A00

■ 4E7A27

■ 547A34

■ 5B7A40

■ 617A4C

■ 687A58

■ 6E7A64

■ 757A71

■ 7B7A7D

Harmonies

Analogous

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



776E00



417A0F



008044

Triad

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



417A0F



007CC8



C33562

Complementary

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



417A0F



480F7A

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.



B14093



417A0F



006ECF

Square

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



417A0F



0082A8



7D59BB



BC4532

Rectangle

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



417A0F



008267



7D59BB



C03672

Sweetspot

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



417A0F



889E75



7A460F



424F37



CFCFCF



4F4F4F

Same Dimension

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



417A0F



4A9E00



0F7A11



3A3D37



3A7D00



76FC00

Inverse Universe

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



480F7A



54009E



7A0F78



3A373D



43007D



8600FC

Previews

White Background



This preview shows how the Hex color 417A0F looks on a white background.

Color Contrast Check

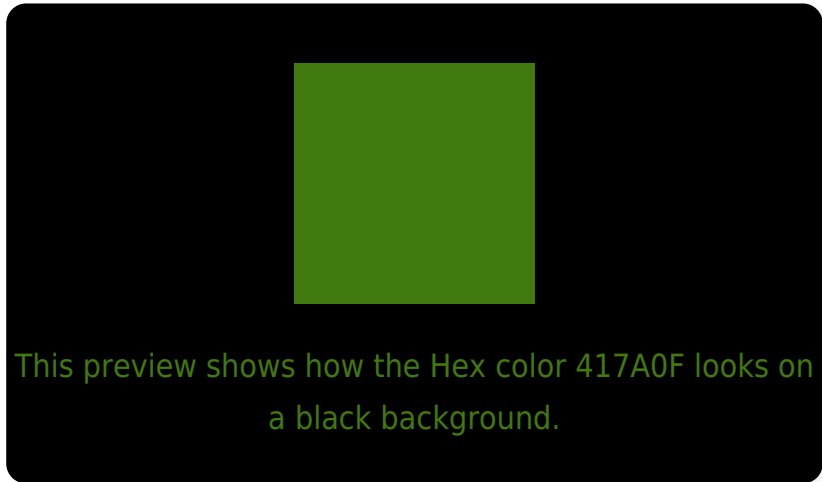
Large Text (above 18pt) WCAG AA ✓ Pass

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 417A0F Background



This preview shows how black text looks on a background with the Hex color 417A0F.



This preview shows how white text looks on a background with the Hex color 417A0F.

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
417A0F

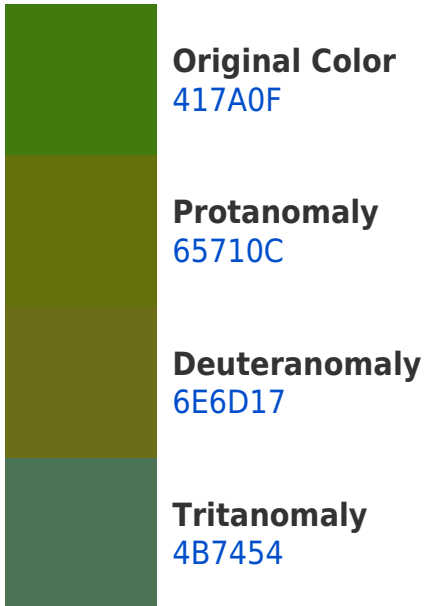
Protanopia
7A6C0A

Deuteranopia
88661C



Tritanopia
50717B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 417A0F 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 #417A0F looks like.

```
.text, #text, p{  
    color:#417A0F  
}
```

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 #417A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417A0F
}
```

Border

The CSS property to change the border of an element to Hex 417A0F 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
#417A0F }
```

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

```
.border{ border-color:#417A0F }
```

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

Here you see how a box with a 4 pixel #417A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417A0F; -webkit-box-shadow:4px 4px  
4px 4px #417A0F; box-shadow:4px 4px 4px  
4px #417A0F }
```

Background

The CSS property to change the background color of an element to Hex 417A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417A0F }
```

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

```
.background{ background-color:#417A0F }
```

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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