

Converting Colors

Hex(417F00)

Have a look what the booklet for
Hex(417F00) contains.

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Color

Hex(417F00)

Conversions

Conversions Part 1

Format	Color
Hex	417F00
RGB	65, 127, 0
RGB Percent	25%, 50%, 0%
CMY	0.7451, 0.5020, 1.0000
CMYK	0.49, 0.00, 1.00, 0.50
HSL	89°, 100%, 25%
HSV	89°, 100%, 50%
XYZ	9.7693, 16.3026, 2.6318
YIQ	93.9840, 3.8150, -52.6410

Conversions

Conversions Part 2

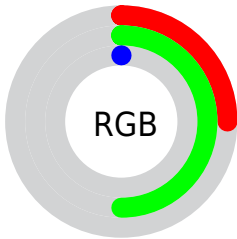
Format	Color
RYB	0, 127, 62
Decimal	4292352
CIELab	47.37, -38.93, 51.43
CIELCh	47, 64.502, 127.123
Yxy	16.3026, 0.3404, 0.5680
Android (android.graphics.Color)	4282482432 (0xFF417F00)
YUV	93.9840, -46.3341, -25.4190
Hunter-Lab	40.3764, -27.4695, 24.3989

Details

The Hex color **417F00** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3E007F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **78B440**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **417F00**, and if you desaturate by 10%, it is **477F0D**.

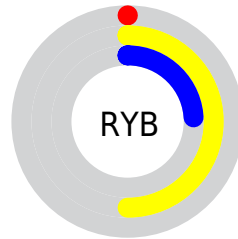
Distribution



Red (25%)

Green (50%)

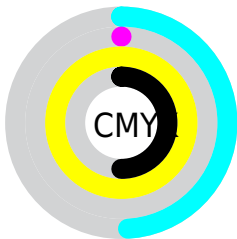
Blue (0%)



Red (0%)

Yellow (50%)

Blue (24%)

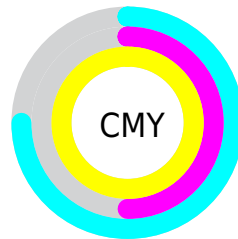


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417F00 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 417F00 by changing the saturation by 10% instead.

 417F00

 417F00

FFFFFF

 246600

 78B440

 004D00

 93D05A

 003500

 AFED75

 002100

 CCFF90

 000000

 E9FFAB

 FFFFC7

 FFFFE4

 417F00

 477F0D

 4D7F19

 547F26

 5A7F33

 607F40

 667F4C

 6C7F59

 737F66

 797F72

Harmonies

Analogous

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



7C7200



417F00



008643

Triad

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



417F00



0081D5



CF3066

Complementary

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



417F00



3E007F

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.



BA3E9C



417F00



0073DD

Square

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



417F00



0087B1



805BC8



C74331

Rectangle

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



417F00



008869



805BC8



CC3178

Sweetspot

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



417F00



8DA674



7F3D00



455436



D4D4D4



545454

Same Dimension

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



417F00



55A600



027F00



3D4039



418000



000000

Inverse Universe

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



3E007F



5100A6



7D007F



3C3940



3E0080



000000

Previews

White Background



This preview shows how the Hex color 417F00 looks on a white background.

Color Contrast Check

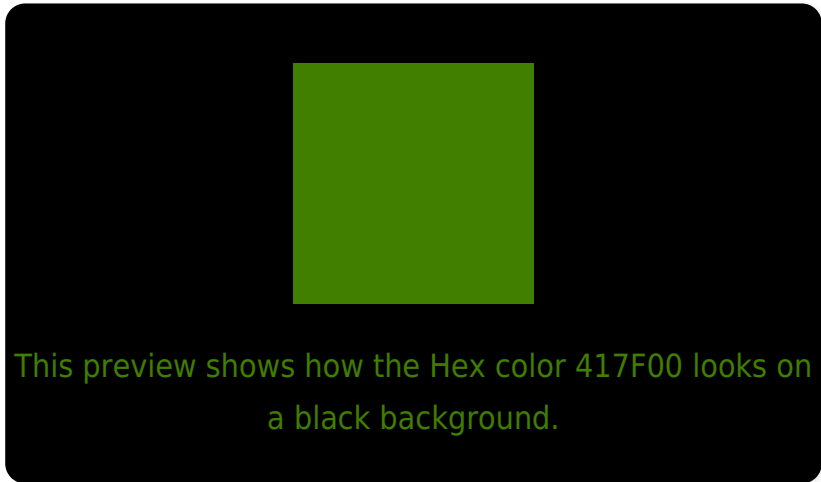
Large Text (above 18pt) WCAG AA ✓ Pass

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 417F00 Background



This preview shows how black text looks on a background with the Hex color 417F00.



This preview shows how white text looks on a background with the Hex color 417F00.

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
417F00

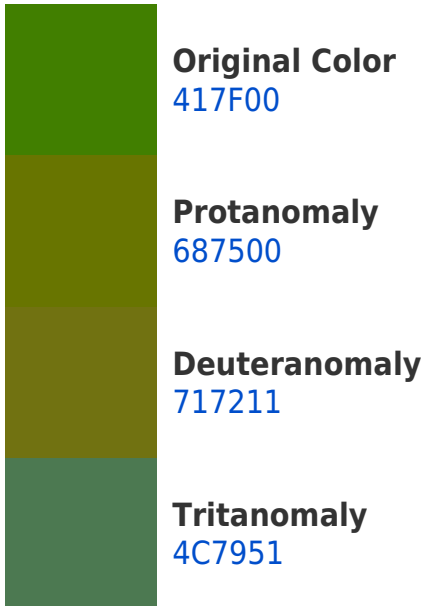
Protanopia
7E7000

Deuteranopia
8D6A1A



Tritanopia
527680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 417F00 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 #417F00 looks like.

```
.text, #text, p{  
    color:#417F00  
}
```

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 #417F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417F00
}
```

Border

The CSS property to change the border of an element to Hex 417F00 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
#417F00 }
```

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

```
.border{ border-color:#417F00 }
```

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

Here you see how a box with a 4 pixel #417F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417F00; -webkit-box-shadow:4px 4px  
4px 4px #417F00; box-shadow:4px 4px 4px  
4px #417F00 }
```

Background

The CSS property to change the background color of an element to Hex 417F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417F00 }
```

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

```
.background{ background-color:#417F00 }
```

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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