

Converting Colors

Hex(417C08)

Have a look what the booklet for
Hex(417C08) contains.

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Color

Hex(417C08)

Conversions

Conversions Part 1

Format	Color
Hex	417C08
RGB	65, 124, 8
RGB Percent	25%, 49%, 3%
CMY	0.7451, 0.5137, 0.9686
CMYK	0.48, 0.00, 0.94, 0.51
HSL	91°, 88%, 26%
HSV	91°, 94%, 49%
XYZ	9.4315, 15.5567, 2.7354
YIQ	93.1350, 2.0720, -48.5840

Conversions

Conversions Part 2

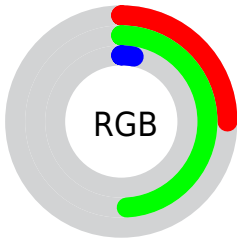
Format	Color
RYB	8, 124, 67
Decimal	4291592
CIELab	46.39, -37.43, 48.99
CIELCh	46, 61.651, 127.381
Yxy	15.5567, 0.3402, 0.5611
Android (android.graphics.Color)	4282481672 (0xFF417C08)
YUV	93.1350, -41.9716, -24.6744
Hunter-Lab	39.4419, -26.3400, 23.4975

Details

The Hex color **417C08** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **43087C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **77B143**, and **024A00** is the 20% darker color. If you saturate the color by 10%, you get **3D7C00**, and if you desaturate by 10%, it is **477C14**.

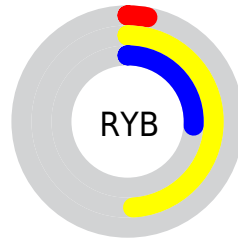
Distribution



 Red (25%)


 Green (49%)

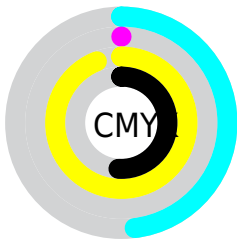
 Blue (3%)




 Red (3%)

 Yellow (49%)

 Blue (26%)

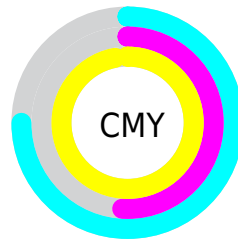


 Cyan (48%)


 Magenta (0%)

 Yellow (94%)

 Black (51%)



 Cyan (75%)

 Magenta (51%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417C08 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 417C08 by changing the saturation by 10% instead.



417C08



417C08

FFFFFF



256300



77B143



024A00



92CD5D



003300



AEE977



001E00



CBFF92



000000



E8FFAE



FFFPCA



FFFPE7



417C08



417C08

■ 3D7C00

■ 477C14

■ 4E7C21

■ 547C2D

■ 5A7C3A

■ 617C46

■ 677C52

■ 6D7C5F

■ 737C6B

■ 7A7C78

Harmonies

Analogous

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



797000



417C08



008244

Triad

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



417C08



007ECE



C83363

Complementary

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



417C08



43087C

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.



B53F97



417C08



0070D5

Square

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



417C08



0084AC



7E5AC1



C04432

Rectangle

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



417C08



008568



7E5AC1



C53375

Sweetspot

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



417C08



8AA174



7C4208



435236



D1D1D1



525252

Same Dimension

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



417C08



4FA100



087C08



3A3D37



3D7D00



7CFC00

Inverse Universe

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



43087C



5200A1



7C087C



3A373D



40007D



8000FC

Previews

White Background



This preview shows how the Hex color 417C08 looks on a white background.

Color Contrast Check

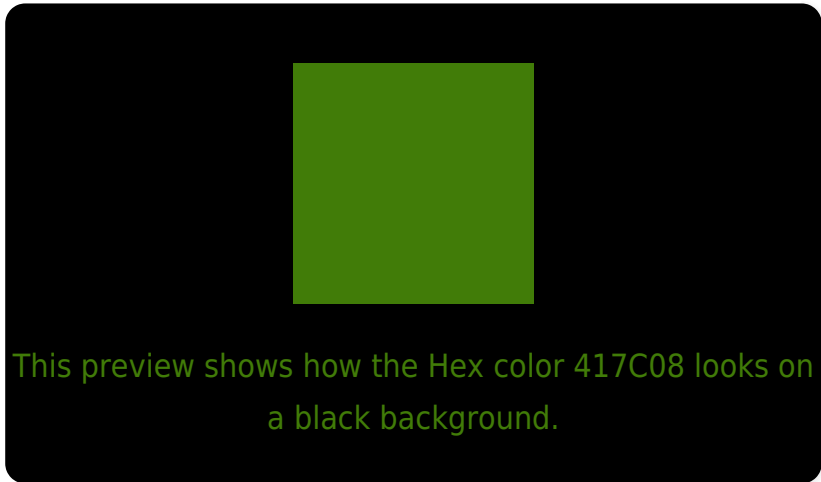
Large Text (above 18pt) WCAG AA ✓ Pass

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 417C08 Background



This preview shows how black text looks on a background with the Hex color 417C08.

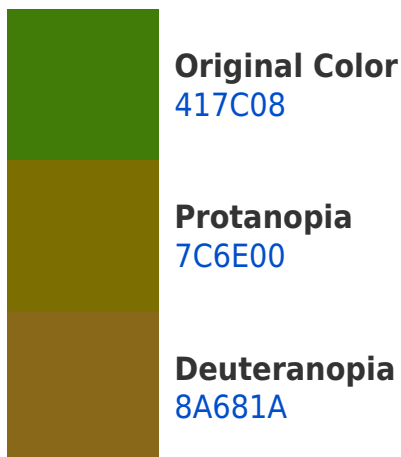


This preview shows how white text looks on a background with the Hex color 417C08.

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





Tritanopia
51737D

Trichromacy



Original Color
417C08

Protanomaly
677303

Deuteranomaly
6F6F13

Tritanomaly
4B7652

Monochromacy



Original Color
417C08

Achromatopsia
5D5D5D

Achromatomaly
53683E

CSS Examples

Text

The CSS property to change the color of the text to Hex 417C08 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 #417C08 looks like.

```
.text, #text, p{  
    color:#417C08  
}
```

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 #417C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417C08
}
```

Border

The CSS property to change the border of an element to Hex 417C08 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
#417C08 }
```

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

```
.border{ border-color:#417C08 }
```

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

Here you see how a box with a 4 pixel #417C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417C08; -webkit-box-shadow:4px 4px  
4px 4px #417C08; box-shadow:4px 4px 4px  
4px #417C08 }
```

Background

The CSS property to change the background color of an element to Hex 417C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417C08 }
```

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

```
.background{ background-color:#417C08 }
```

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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