

Converting Colors

Hex(417E1A)

Have a look what the booklet for
Hex(417E1A) contains.

Hex(417E1A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(417E1A)

Conversions

Conversions Part 1

Format	Color
Hex	417E1A
RGB	65, 126, 26
RGB Percent	25%, 49%, 10%
CMY	0.7451, 0.5059, 0.8980
CMYK	0.48, 0.00, 0.79, 0.51
HSL	97°, 66%, 30%
HSV	97°, 79%, 49%
XYZ	9.8273, 16.1201, 3.5708
YIQ	96.3610, -4.2560, -44.0320

Conversions

Conversions Part 2

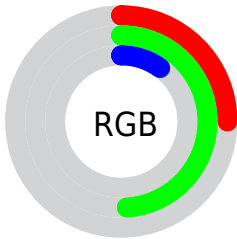
Format	Color
R_{YB}	26, 126, 87
Decimal	4292122
CIE _{Lab}	47.13, -37.44, 44.83
CIE _{LCh}	47, 58.410, 129.870
Yxy	16.1201, 0.3329, 0.5461
Android (android.graphics.Color)	4282482202 (0xFF417E1A)
YUV	96.3610, -34.6880, -27.5036
Hunter-Lab	40.1499, -26.5717, 22.8318

Details

The Hex color **417E1A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **571A7E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **77B34E**, and **034C00** is the 20% darker color. If you saturate the color by 10%, you get **397E0D**, and if you desaturate by 10%, it is **497E27**.

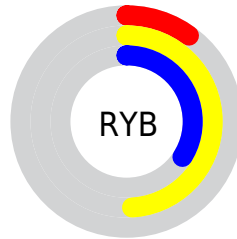
Distribution




 Red (25%)

 Green (49%)

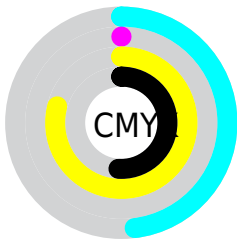
 Blue (10%)




 Red (10%)

 Yellow (49%)

 Blue (34%)

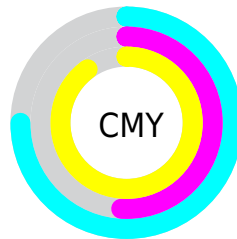


 Cyan (48%)


 Magenta (0%)

 Yellow (79%)

 Black (51%)



 Cyan (75%)

 Magenta (51%)

 Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 417E1A 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 417E1A by changing the saturation by 10% instead.



417E1A



417E1A

FFFFFF



256500



77B34E



034C00



92CF68



003500



AEEB82



002000



CAFF9D



000000



E7FFB9



FFFFD5



FFFFF2



417E1A



417E1A

■ 397E0D

■ 497E27

■ 327E01

■ 507E33

■ 317E00

■ 587E40

■ 607E4C

■ 677E59

■ 6F7E66

■ 777E72

■ 7E7E7F

■ 867E8B

Harmonies

Analogous

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



787300



417E1A



00844C

Triad

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



417E1A



007ECC



C73B62

Complementary

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



417E1A



571A7E

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.



B64493



417E1A



0070D1

Square

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



417E1A



0085AE



865BBC



BE4B33

Rectangle

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



417E1A



00866E



865BBC



C43B72

Sweetspot

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



417E1A



8BA37C



7E561A



43523A



D1D1D1



525252

Same Dimension

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



417E1A



45A308



1A7E24



3C4039



328000



000000

Inverse Universe

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



571A7E



6708A3



7E1A74



3D3940



4E0080



000000

Previews

White Background



This preview shows how the Hex color 417E1A looks on a white background.

Color Contrast Check

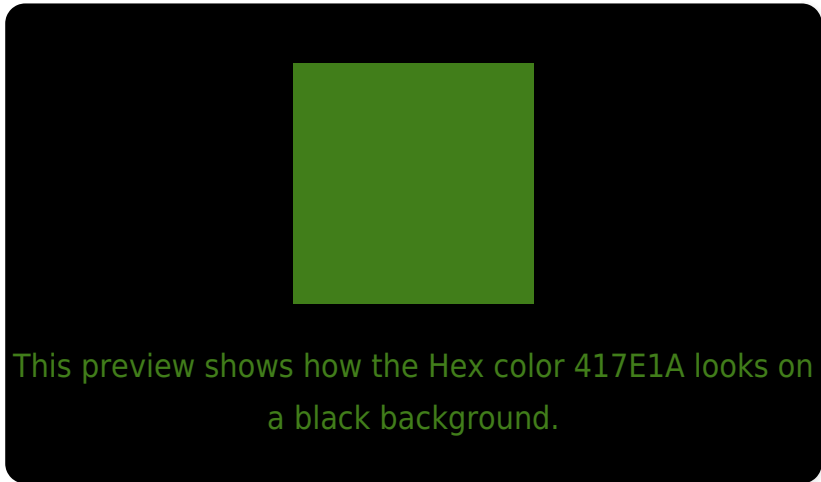
Large Text (above 18pt) WCAG AA ✓ Pass

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 417E1A Background



This preview shows how black text looks on a background with the Hex color 417E1A.



This preview shows how white text looks on a background with the Hex color 417E1A.

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
417E1A

Protanopia
7D7016

Deuteranopia
8B6A24



Tritanopia
51757F

Trichromacy



Original Color
417E1A

Protanomaly
677517

Deuteranomaly
707120

Tritanomaly
4B785A

Monochromacy



Original Color
417E1A

Achromatopsia
606060

Achromatomaly
556B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 417E1A 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 #417E1A looks like.

```
.text, #text, p{  
    color:#417E1A  
}
```

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 #417E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417E1A
}
```

Border

The CSS property to change the border of an element to Hex 417E1A 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
#417E1A }
```

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

```
.border{ border-color:#417E1A }
```

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

Here you see how a box with a 4 pixel #417E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417E1A; -webkit-box-shadow:4px 4px  
4px 4px #417E1A; box-shadow:4px 4px 4px  
4px #417E1A }
```

Background

The CSS property to change the background color of an element to Hex 417E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417E1A }
```

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

```
.background{ background-color:#417E1A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor