

Converting Colors

Hex(4A7A0E)

Have a look what the booklet for
Hex(4A7A0E) contains.

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Color

Hex(4A7A0E)

Conversions

Conversions Part 1

Format	Color
Hex	4A7A0E
RGB	74, 122, 14
RGB Percent	29%, 48%, 5%
CMY	0.7098, 0.5216, 0.9451
CMYK	0.39, 0.00, 0.89, 0.52
HSL	87°, 79%, 27%
HSV	87°, 89%, 48%
XYZ	9.8628, 15.4066, 2.8694
YIQ	95.3360, 6.0600, -43.7640

Conversions

Conversions Part 2

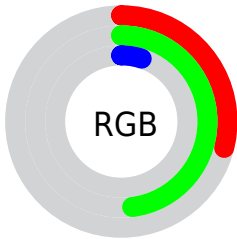
Format	Color
RYB	14, 122, 62
Decimal	4880910
CIELab	46.19, -33.09, 47.70
CIElCh	46, 58.052, 124.745
Yxy	15.4066, 0.3505, 0.5475
Android (android.graphics.Color)	4283070990 (0xFF4A7A0E)
YUV	95.3360, -40.0986, -18.7117
Hunter-Lab	39.2513, -23.8372, 23.1416

Details

The Hex color **4A7A0E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E0E7A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7FAF46**, and **144900** is the 20% darker color. If you saturate the color by 10%, you get **457A02**, and if you desaturate by 10%, it is **4F7A1A**.

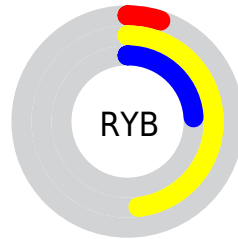
Distribution



Red (29%)

Green (48%)

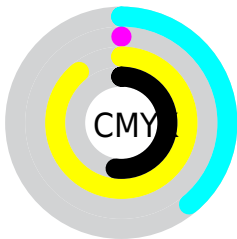
Blue (5%)



Red (5%)

Yellow (48%)

Blue (24%)

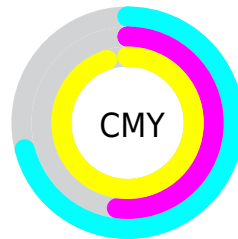


Cyan (39%)

Magenta (0%)

Yellow (89%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7A0E 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 4A7A0E by changing the saturation by 10% instead.

 4A7A0E

 4A7A0E

FFFFFF

 2F6100

 7FAF46

 144900

 9BCA60

 003200

 B7E77A

 001E00

 D3FF95

 000000

 F0FFB0

 FFFFCC

 FFFF99

 4A7A0E

 4A7A0E

■ 457A02

■ 4F7A1A

■ 447A00

■ 557A26

■ 5A7A33

■ 607A3F

■ 657A4B

■ 6B7A57

■ 707A63

■ 757A70

■ 7B7A7C

Harmonies

Analogous

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



7D6E00



4A7A0E



008141

Triad

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



4A7A0E



007DC5



C33868

Complementary

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



4A7A0E



3E0E7A

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.



AD4598



4A7A0E



0071CF

Square

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



4A7A0E



0083A4



775DBE



BD4539

Rectangle

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



4A7A0E



008363



775DBE



BF3A78

Sweetspot

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



4A7A0E



8B9E73



7A3D0E



444F36



CFCFCF



4F4F4F

Same Dimension

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



4A7A0E



589E00



157A0E



3A3D37



457D00



8CFC00

Inverse Universe

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



3E0E7A



46009E



730E7A



3A373D



38007D



7000FC

Previews

White Background



This preview shows how the Hex color 4A7A0E looks on a white background.

Color Contrast Check

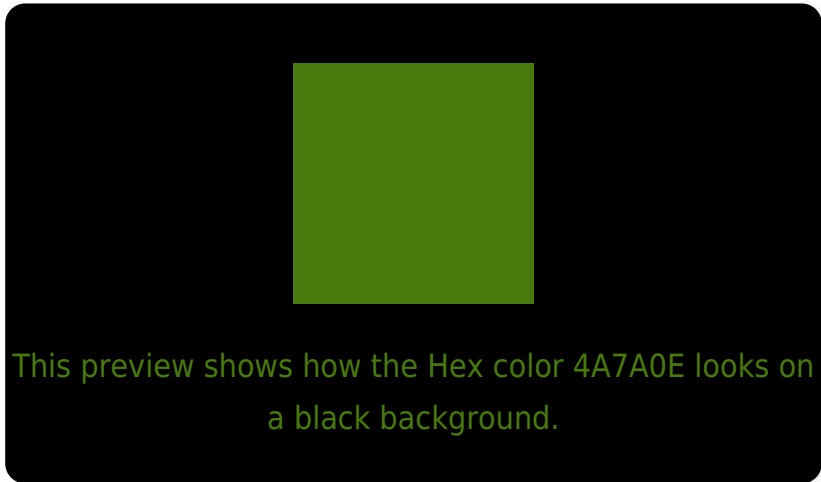
Large Text (above 18pt) WCAG AA ✓ Pass

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

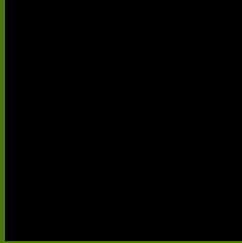
Any Text WCAG AA × Fail

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 4A7A0E Background



This preview shows how black text looks on a background with the Hex color 4A7A0E.



This preview shows how white text looks on a background with the Hex color 4A7A0E.

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
4A7A0E

Protanopia
7B6D09

Deuteranopia
89671B



Tritanopia
57717B

Trichromacy



Original Color
4A7A0E

Protanomaly
69720B

Deuteranomaly
726E16

Tritanomaly
527453

Monochromacy



Original Color
4A7A0E

Achromatopsia
5F5F5F

Achromatomaly
576942

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7A0E 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 #4A7A0E looks like.

```
.text, #text, p{  
    color:#4A7A0E  
}
```

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 #4A7A0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7A0E
}
```

Border

The CSS property to change the border of an element to Hex 4A7A0E 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".

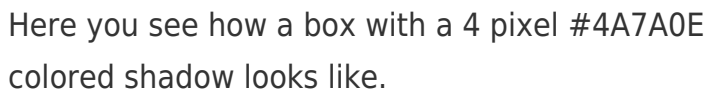
```
.border, #border, table{ border:4px solid
#4A7A0E }
```

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

```
.border{ border-color:#4A7A0E }
```

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

Here you see how a box with a 4 pixel #4A7A0E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7A0E; -webkit-box-shadow:4px 4px  
4px 4px #4A7A0E; box-shadow:4px 4px 4px  
4px #4A7A0E }
```

Background

The CSS property to change the background color of an element to Hex 4A7A0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7A0E }
```

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

```
.background{ background-color:#4A7A0E }
```

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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