

Converting Colors

Hex(4A7E17)

Have a look what the booklet for
Hex(4A7E17) contains.

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Color

Hex(4A7E17)

Conversions

Conversions Part 1

Format	Color
Hex	4A7E17
RGB	74, 126, 23
RGB Percent	29%, 49%, 9%
CMY	0.7098, 0.5059, 0.9098
CMYK	0.41, 0.00, 0.82, 0.51
HSL	90°, 69%, 29%
HSV	90°, 82%, 49%
XYZ	10.4395, 16.4394, 3.4335
YIQ	98.7100, 2.0710, -43.0570

Conversions

Conversions Part 2

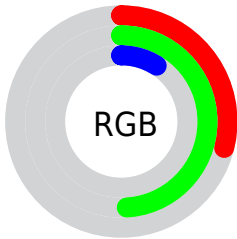
Format	Color
R_{YB}	23, 126, 75
Decimal	4881943
CIE Lab	47.55, -34.45, 46.38
CIE LCh	48, 57.773, 126.609
Yxy	16.4394, 0.3444, 0.5423
Android (android.graphics.Color)	4283072023 (0xFF4A7E17)
YUV	98.7100, -37.3250, -21.6707
Hunter-Lab	40.5456, -24.9951, 23.3610

Details

The Hex color **4A7E17** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B177E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7FB34C**, and **144C00** is the 20% darker color. If you saturate the color by 10%, you get **447E0A**, and if you desaturate by 10%, it is **507E24**.

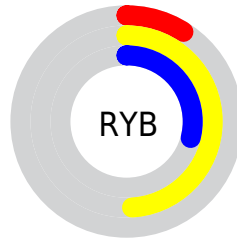
Distribution



Red (29%)

Green (49%)

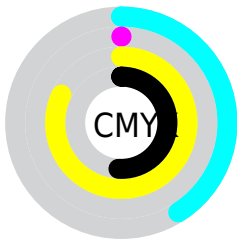
Blue (9%)



Red (9%)

Yellow (49%)

Blue (29%)

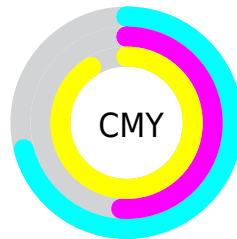


Cyan (41%)

Magenta (0%)

Yellow (82%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7E17 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 4A7E17 by changing the saturation by 10% instead.



4A7E17



4A7E17

FFFFFF



2F6500



7FB34C



144C00



9BCF66



003500



B7EB80



002200



D3FF9B



000000



F0FFB7



FFFFD3



FFFFF0



4A7E17



4A7E17

■ 447E0A

■ 507E24

■ 3E7E00

■ 577E30

■ 5D7E3D

■ 637E49

■ 6A7E56

■ 707E63

■ 777E6F

■ 7D7E7C

■ 837E88

Harmonies

Analogous

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



7E7200



4A7E17



008548

Triad

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



4A7E17



0080CA



C73D68

Complementary

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



4A7E17



4B177E

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.



B34898



4A7E17



0073D2

Square

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



4A7E17



0086AA



7F5FC0



C04A39

Rectangle

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



4A7E17



00876A



7F5FC0



C33E78

Sweetspot

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



4A7E17



8FA37A



7E4B17



455239



D1D1D1



525252

Same Dimension

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



4A7E17



52A303



177E17



3D4039



3F8000



000000

Inverse Universe

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



4B177E



5403A3



7E177E



3D3940



400080



000000

Previews

White Background



This preview shows how the Hex color 4A7E17 looks on a white background.

Color Contrast Check

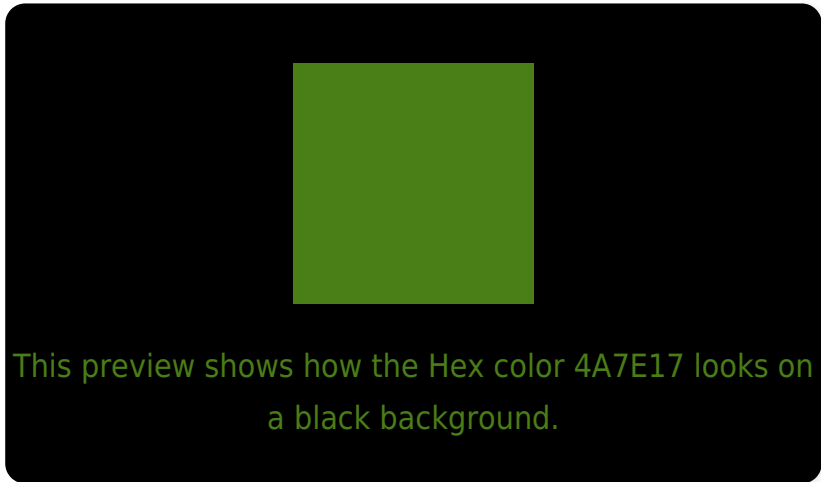
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A7E17 Background



This preview shows how black text looks on a background with the Hex color 4A7E17.



This preview shows how white text looks on a background with the Hex color 4A7E17.

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
4A7E17

Protanopia
7F7113

Deuteranopia
8D6B21



Tritanopia
58757F

Trichromacy



Original Color
4A7E17

Protanomaly
6C7614

Deuteranomaly
75721D

Tritanomaly
537859

Monochromacy



Original Color
4A7E17

Achromatopsia
636363

Achromatomaly
5A6D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7E17 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 #4A7E17 looks like.

```
.text, #text, p{  
    color:#4A7E17  
}
```

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 #4A7E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7E17
}
```

Border

The CSS property to change the border of an element to Hex 4A7E17 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
#4A7E17 }
```

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

```
.border{ border-color:#4A7E17 }
```

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

Here you see how a box with a 4 pixel #4A7E17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7E17; -webkit-box-shadow:4px 4px  
4px 4px #4A7E17; box-shadow:4px 4px 4px  
4px #4A7E17 }
```

Background

The CSS property to change the background color of an element to Hex 4A7E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7E17 }
```

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

```
.background{ background-color:#4A7E17 }
```

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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