

Converting Colors

Hex(4A7831)

Have a look what the booklet for
Hex(4A7831) contains.

Hex(4A7831)	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(4A7831)

Conversions

Conversions Part 1

Format	Color
Hex	4A7831
RGB	74, 120, 49
RGB Percent	29%, 47%, 19%
CMY	0.7098, 0.5294, 0.8078
CMYK	0.38, 0.00, 0.59, 0.53
HSL	99°, 42%, 33%
HSV	99°, 59%, 47%
XYZ	10.0949, 15.1105, 5.2903
YIQ	98.1520, -4.6250, -31.8330

Conversions

Conversions Part 2

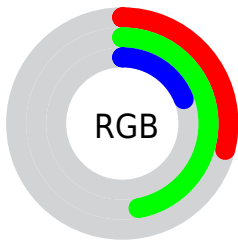
Format	Color
RYB	49, 120, 95
Decimal	4880433
CIELab	45.79, -29.53, 33.55
CIElCh	46, 44.691, 131.355
Yxy	15.1105, 0.3310, 0.4955
Android (android.graphics.Color)	4283070513 (0xFF4A7831)
YUV	98.1520, -24.2319, -21.1813
Hunter-Lab	38.8723, -21.6711, 19.1416

Details

The Hex color **4A7831** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F3178**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7EAD62**, and **174700** is the 20% darker color. If you saturate the color by 10%, you get **427825**, and if you desaturate by 10%, it is **52783D**.

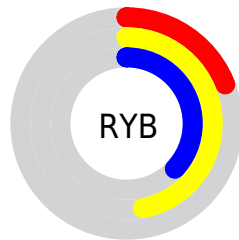
Distribution



Red (29%)

Green (47%)

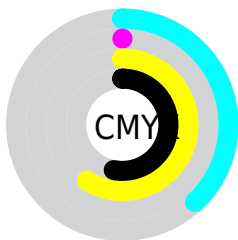
Blue (19%)



Red (19%)

Yellow (47%)

Blue (37%)

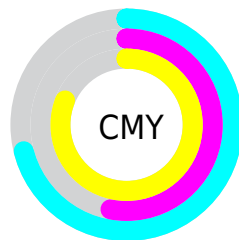


Cyan (38%)

Magenta (0%)

Yellow (59%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7831 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 4A7831 by changing the saturation by 10% instead.

 4A7831

 4A7831

FFFFFF

 315F19

 7EAD62

 174700

 98C87B

 003000

 B4E495

 001D00

 D0FFB1

 000000

 EDFFC

 FFFFE9

 4A7831

 4A7831

 427825

 52783D

■ 3A7819

■ 5A7849

■ 33780D

■ 617855

■ 2B7801

■ 697861

■ 2A7800

■ 71786D

■ 797879

■ 807885

■ 887891

■ 90789D

Harmonies

Analogous

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



736F1C



4A7831



007D53

Triad

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



4A7831



0077B3



B14A60

Complementary

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



4A7831



5F3178

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.



A44E85



4A7831



3F6CB6

Square

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



4A7831



007D9D



815CA5



AA533D

Rectangle

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



4A7831



007E6D



815CA5



AF4A6C

Sweetspot

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



4A7831



899C80



785E31



444F3E



CFCFCF



4F4F4F

Same Dimension

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



4A7831



549C2D



31783A



393D37



2C7D00



59FC00

Inverse Universe

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



5F3178



752D9C



78316F



3B373D



51007D



A400FC

Previews

White Background



This preview shows how the Hex color 4A7831 looks on a white background.

Color Contrast Check

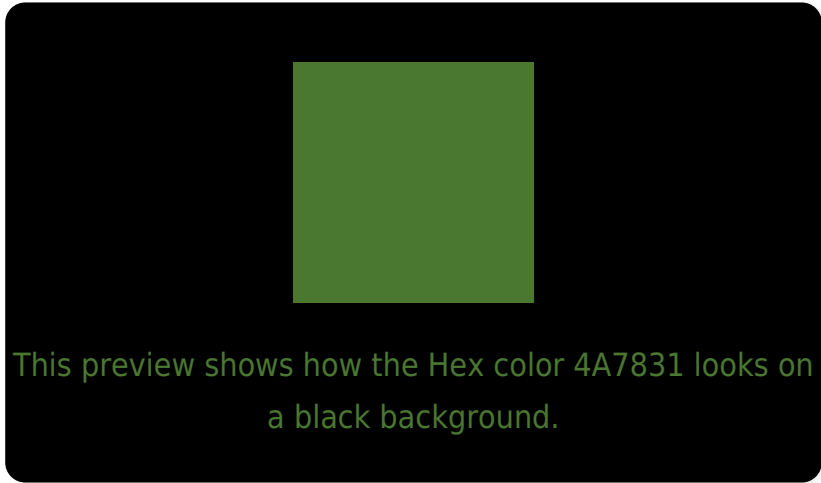
Large Text (above 18pt) WCAG AA ✓ Pass

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

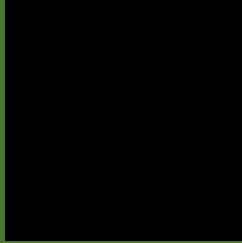
Any Text WCAG AA × Fail

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 4A7831 Background



This preview shows how black text looks on a background with the Hex color 4A7831.



This preview shows how white text looks on a background with the Hex color 4A7831.

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
4A7831

Protanopia
786C2D

Deuteranopia
856736



Tritanopia
56717A

Trichromacy



Original Color
4A7831

Protanomaly
67702E

Deuteranomaly
706D34

Tritanomaly
52745F

Monochromacy



Original Color
4A7831

Achromatopsia
626262

Achromatomaly
596A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7831 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 #4A7831 looks like.

```
.text, #text, p{  
    color:#4A7831  
}
```

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 #4A7831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7831
}
```

Border

The CSS property to change the border of an element to Hex 4A7831 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
#4A7831 }
```

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

```
.border{ border-color:#4A7831 }
```

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

Here you see how a box with a 4 pixel #4A7831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7831; -webkit-box-shadow:4px 4px  
4px 4px #4A7831; box-shadow:4px 4px 4px  
4px #4A7831 }
```

Background

The CSS property to change the background color of an element to Hex 4A7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7831 }
```

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

```
.background{ background-color:#4A7831 }
```

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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