

Converting Colors

Hex(A7831C)

Have a look what the booklet for
Hex(A7831C) contains.

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Color

Hex(A7831C)

Conversions

Conversions Part 1

Format	Color
Hex	A7831C
RGB	167, 131, 28
RGB Percent	65%, 51%, 11%
CMY	0.3451, 0.4863, 0.8902
CMYK	0.00, 0.22, 0.83, 0.35
HSL	44°, 71%, 38%
HSV	44°, 83%, 65%
XYZ	24.2623, 24.5319, 4.5550
YIQ	130.0220, 54.5190, -24.4010

Conversions

Conversions Part 2

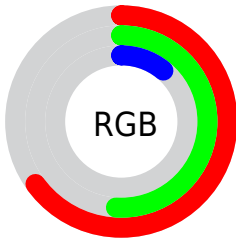
Format	Color
R_{YB}	77, 167, 28
Decimal	10978076
CIE Lab	56.62, 4.17, 55.77
CIE LCh	57, 55.928, 85.720
Yxy	24.5319, 0.4548, 0.4598
Android (android.graphics.Color)	4289168156 (0xFFA7831C)
YUV	130.0220, -50.2968, 32.4297
Hunter-Lab	49.5297, 0.7616, 29.2182

Details

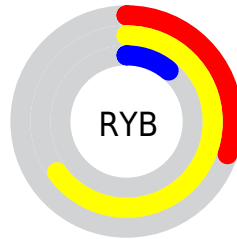
The Hex color **A7831C** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1C40A7**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E2B852**, and **6F5200** is the 20% darker color. If you saturate the color by 10%, you get **A77F0B**, and if you desaturate by 10%, it is **A7872D**.

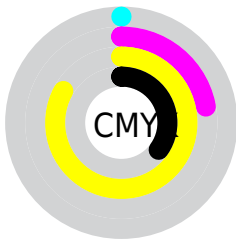
Distribution



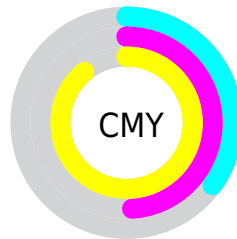
- Red (65%)
- Green (51%)
- Blue (11%)



- Red (30%)
- Yellow (65%)
- Blue (11%)



- Cyan (0%)
- Magenta (22%)
- Yellow (83%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7831C 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 A7831C by changing the saturation by 10% instead.

 A7831C

 A7831C

FFFFFF

 8A6A00

 E2B852

 6F5200

 FFD36D

 533B00

 FFEF88

 392600

 FFFFA3

 201200

 FFFFBF

 000000

 FFFFDB

 FFFFF8

 A7831C

 A7831C

■ A77F0B

■ A7872D

■ A77C00

■ A78C3D

■ A7904E

■ A7945F

■ A7996F

■ A79D80

■ A7A191

■ A7A6A2

■ A7AAB2

Harmonies

Analogous

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



CB7037



A7831C



789127

Triad

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



A7831C



009FB1



BC69BF

Complementary

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



A7831C



1C40A7

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.



7C7EE0



A7831C



009AD8

Square

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



A7831C



009F7F



008FE9



DB5A91

Rectangle

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



A7831C



509840



008FE9



AB70CC

Sweetspot

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



A7831C



D9CBA3



A71C41



6E654D



EDEDED



6E6E6E

Same Dimension

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



A7831C



D9A100



87A71C



54524C



946E00



140F00

Inverse Universe

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



1C40A7



0038D9



3C1CA7



4C4E54



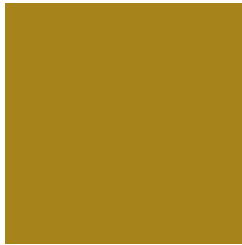
002694



000514

Previews

White Background



This preview shows how the Hex color A7831C looks on a white background.

Color Contrast Check

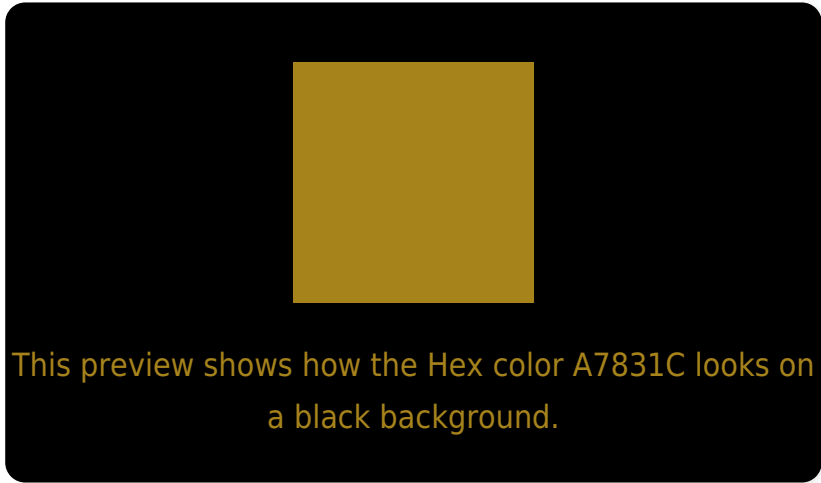
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A7831C Background



This preview shows how black text looks on a background with the Hex color A7831C.



This preview shows how white text looks on a background with the Hex color A7831C.

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
A7831C

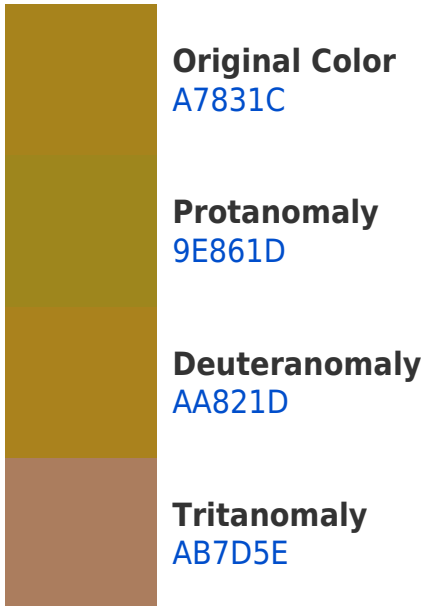
Protanopia
99881D

Deuteranopia
AB811D

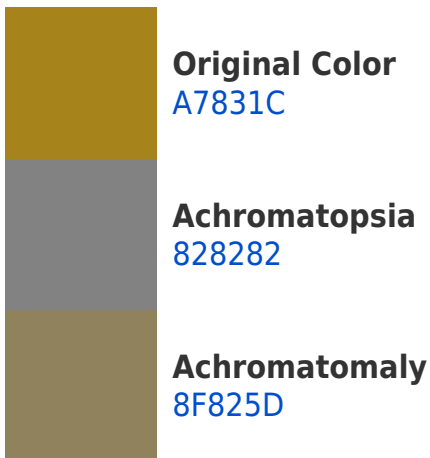


Tritanopia
AD7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7831C 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 #A7831C looks like.

```
.text, #text, p{  
    color:#A7831C  
}
```

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 #A7831C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7831C
}
```

Border

The CSS property to change the border of an element to Hex A7831C 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
#A7831C }
```

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

```
.border{ border-color:#A7831C }
```

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

Here you see how a box with a 4 pixel #A7831C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7831C; -webkit-box-shadow:4px 4px  
4px 4px #A7831C; box-shadow:4px 4px 4px  
4px #A7831C }
```

Background

The CSS property to change the background color of an element to Hex A7831C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7831C }
```

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

```
.background{ background-color:#A7831C }
```

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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