

Converting Colors

Hex(A78C3C)

Have a look what the booklet for
Hex(A78C3C) contains.

Hex(A78C3C)	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(A78C3C)

Conversions

Conversions Part 1

Format	Color
Hex	A78C3C
RGB	167, 140, 60
RGB Percent	65%, 55%, 24%
CMY	0.3451, 0.4510, 0.7647
CMYK	0.00, 0.16, 0.64, 0.35
HSL	45°, 47%, 45%
HSV	45°, 64%, 65%
XYZ	26.1300, 27.2979, 8.1668
YIQ	138.9530, 41.7720, -19.1560

Conversions

Conversions Part 2

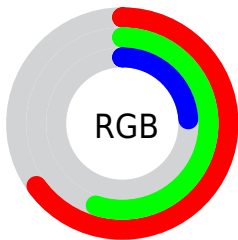
Format	Color
R_{YB}	96, 167, 60
Decimal	10980412
CIE _{Lab}	59.25, 0.77, 45.39
CIE _{LCh}	59, 45.401, 89.034
Yxy	27.2979, 0.4242, 0.4432
Android (android.graphics.Color)	4289170492 (0xFFA78C3C)
YUV	138.9530, -38.9238, 24.5972
Hunter-Lab	52.2474, -2.1613, 27.3056

Details

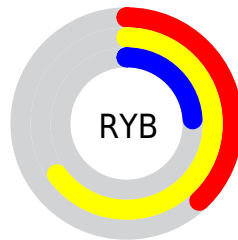
The Hex color **A78C3C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3C57A7**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E1C16F**, and **705A05** is the 20% darker color. If you saturate the color by 10%, you get **A7882B**, and if you desaturate by 10%, it is **A7904D**.

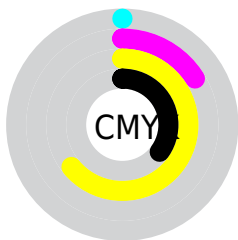
Distribution



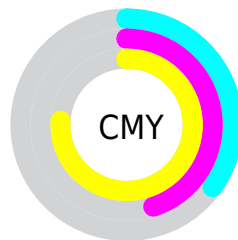
- Red (65%)
- Green (55%)
- Blue (24%)



- Red (38%)
- Yellow (65%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (64%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color A78C3C 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 A78C3C by changing the saturation by 10% instead.

 A78C3C

 A78C3C

FFFFFF

 8B7323

 E1C16F

 705A05

 FEDD89

 564300

 FFFAA4

 3C2D00

 FFFFBF

 231900

 FFFFDC

 000000

 FFFFF9

 A78C3C

 A78C3C

 A7882B

 A7904D

 A7841B

 A7945D

 A77F0A

 A7996E

 A77D00

 A79D7F

 A7A18F

 A7A5A0

 A7A9B1

 A7AEC2

 A7B2D2

Harmonies

Analogous

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



C67D4B



A78C3C



7F9846

Triad

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



A78C3C



00A2B4



BF75B8

Complementary

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



A78C3C



3C57A7

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.



8F85D4



A78C3C



009DD2

Square

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



A78C3C



00A38C



4093DE



D66D92

Rectangle

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



A78C3C



5F9D58



4093DE



B17AC3

Sweetspot

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



A78C3C



D9CEB0



A73C59



6E6754



EDEDED



6E6E6E

Same Dimension

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



A78C3C



D9AF32



8EA73C



54524C



946F00



140F00

Inverse Universe

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



3C57A7



325CD9



553CA7



4C4E54



002594



000514

Previews

White Background



This preview shows how the Hex color A78C3C looks on a white background.

Color Contrast Check

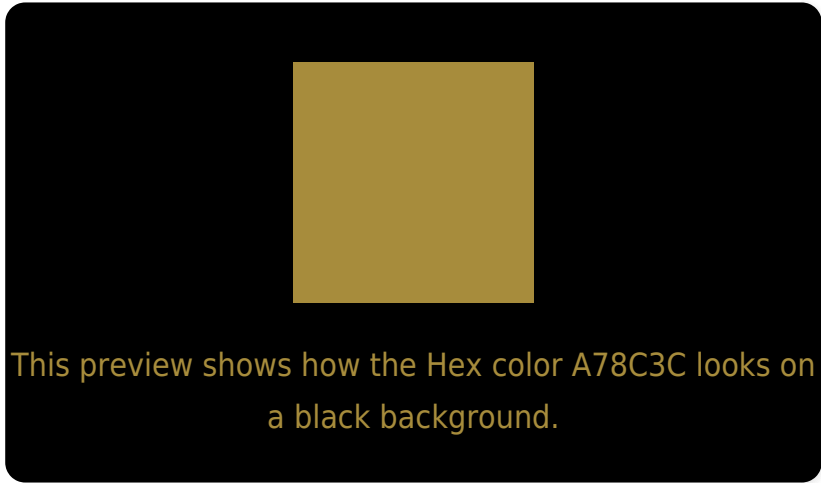
Large Text (above 18pt) WCAG AA ✓ Pass

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 A78C3C Background



This preview shows how black text looks on a background with the Hex color A78C3C.



This preview shows how white text looks on a background with the Hex color A78C3C.

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
A78C3C

Protanopia
9F8F3D

Deuteranopia
B1883D



Tritanopia
AE838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A78C3C 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 #A78C3C looks like.

```
.text, #text, p{  
    color:#A78C3C  
}
```

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 #A78C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78C3C  
}
```

Border

The CSS property to change the border of an element to Hex A78C3C 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  
#A78C3C }
```

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

```
.border{ border-color:#A78C3C }
```

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

Here you see how a box with a 4 pixel #A78C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78C3C; -webkit-box-shadow:4px 4px  
4px 4px #A78C3C; box-shadow:4px 4px 4px  
4px #A78C3C }
```

Background

The CSS property to change the background color of an element to Hex A78C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78C3C }
```

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

```
.background{ background-color:#A78C3C }
```

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