

Converting Colors

Hex(A78661)

Have a look what the booklet for
Hex(A78661) contains.

Hex(A78661)	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(A78661)

Conversions

Conversions Part 1

Format	Color
Hex	A78661
RGB	167, 134, 97
RGB Percent	65%, 53%, 38%
CMY	0.3451, 0.4745, 0.6196
CMYK	0.00, 0.20, 0.42, 0.35
HSL	32°, 28%, 52%
HSV	32°, 42%, 65%
XYZ	26.6191, 26.1288, 14.9496
YIQ	139.6490, 31.5450, -4.5110

Conversions

Conversions Part 2

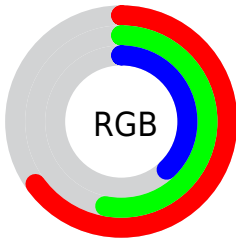
Format	Color
RYB	159, 167, 97
Decimal	10978913
CIELab	58.16, 7.48, 24.68
CIElCh	58, 25.791, 73.141
Yxy	26.1288, 0.3932, 0.3860
Android (android.graphics.Color)	4289168993 (0xFFA78661)
YUV	139.6490, -21.0260, 23.9868
Hunter-Lab	51.1163, 3.5014, 18.4413

Details

The Hex color **A78661** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6182A7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **DFBB94**, and **715432** is the 20% darker color. If you saturate the color by 10%, you get **A77E50**, and if you desaturate by 10%, it is **A78E72**.

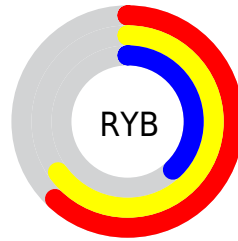
Distribution



Red (65%)

Green (53%)

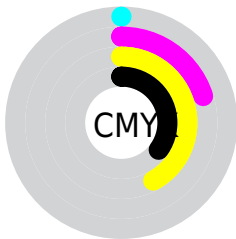
Blue (38%)



Red (62%)

Yellow (65%)

Blue (38%)

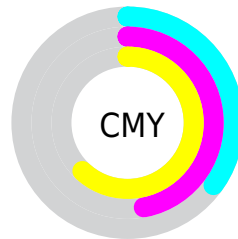


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color A78661 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 A78661 by changing the saturation by 10% instead.

 A78661

 A78661

FFFFFF

 8C6D49

 DFBB94

 715432

 FDD7AF

 583D1C

 FFF3CA

 3F2804

 FFFFE6

 271300

 000000

 A78661

 A78661

 A77E50

 A78E72

 A77640

 A79682

 A76E2F

 A79E93

 A7671E

 A7A5A4

 A75F0D

 A7ADB4

 A75800

 A7B5C5

 A7BDD6

 A7C5E7

 A7CDF7

Harmonies

Analogous

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



B57F6E



A78661



928E60

Triad

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



A78661



489895



9B83AD

Complementary

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



A78661



6182A7

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.



7D8BB7



A78661



4596AA

Square

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



A78661



5E977E



5C92B6



B07D99

Rectangle

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



A78661



819265



5C92B6



9285B2

Sweetspot

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



A78661



D9CBBD



A76183



6E655C



EDEDED



6E6E6E

Same Dimension

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



A78661



D9A66C



A6A761



54504C



944E00



140B00

Inverse Universe

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



6182A7



6C9FD9



6261A7



4C5054



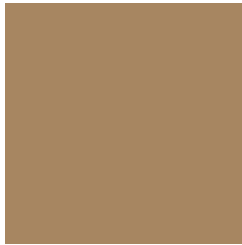
004694



000A14

Previews

White Background



This preview shows how the Hex color A78661 looks on a white background.

Color Contrast Check

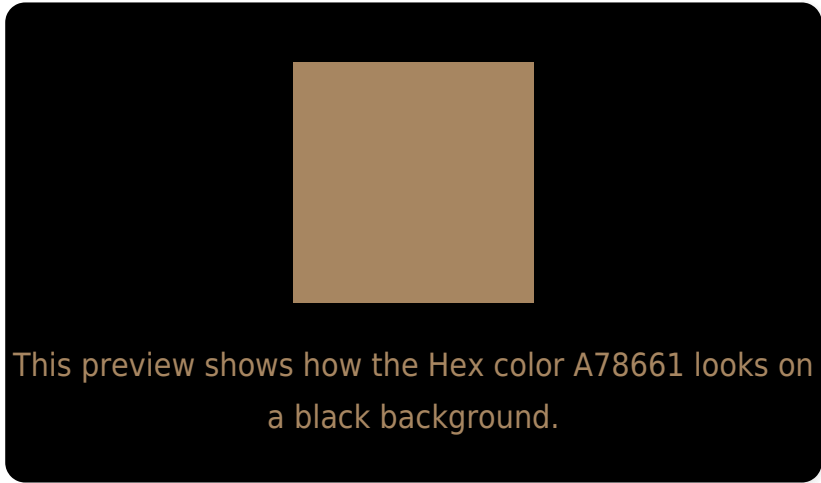
Large Text (above 18pt) WCAG AA ✓ Pass

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

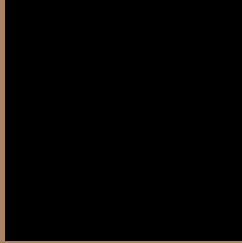
Any Text WCAG AA ✓ Pass

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 A78661 Background



This preview shows how black text looks on a background with the Hex color A78661.



This preview shows how white text looks on a background with the Hex color A78661.

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
A78661

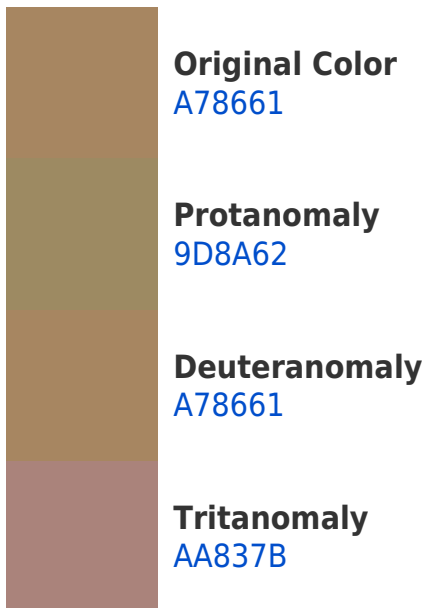
Protanopia
978C63

Deuteranopia
A78661

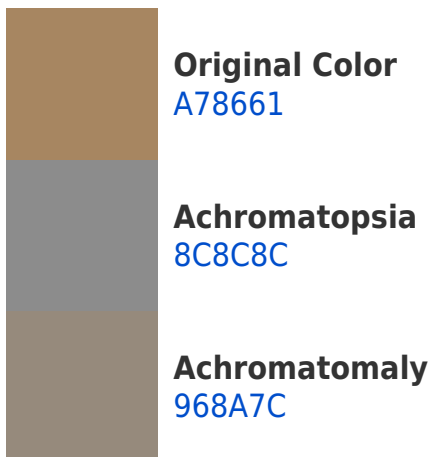


Tritanopia
AB818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A78661 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 #A78661 looks like.

```
.text, #text, p{  
    color:#A78661  
}
```

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 #A78661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78661  
}
```

Border

The CSS property to change the border of an element to Hex A78661 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  
#A78661 }
```

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

```
.border{ border-color:#A78661 }
```

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

Here you see how a box with a 4 pixel #A78661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78661; -webkit-box-shadow:4px 4px  
4px 4px #A78661; box-shadow:4px 4px 4px  
4px #A78661 }
```

Background

The CSS property to change the background color of an element to Hex A78661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78661 }
```

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

```
.background{ background-color:#A78661 }
```

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