

Converting Colors

Hex(A9805A)

Have a look what the booklet for
Hex(A9805A) contains.

Hex(A9805A)	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(A9805A)

Conversions

Conversions Part 1

Format	Color
Hex	A9805A
RGB	169, 128, 90
RGB Percent	66%, 50%, 35%
CMY	0.3373, 0.4980, 0.6471
CMYK	0.00, 0.24, 0.47, 0.34
HSL	29°, 31%, 51%
HSV	29°, 47%, 66%
XYZ	25.9268, 24.6115, 13.0569
YIQ	135.9270, 36.6340, -3.1260

Conversions

Conversions Part 2

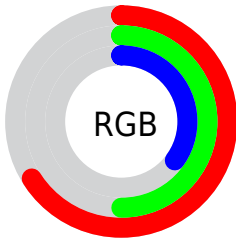
Format	Color
R_{YB}	169, 163, 90
Decimal	11108442
CIE _{Lab}	56.69, 10.93, 26.71
CIE _{LCh}	57, 28.860, 67.746
Yxy	24.6115, 0.4077, 0.3870
Android (android.graphics.Color)	4289298522 (0xFFA9805A)
YUV	135.9270, -22.6420, 29.0050
Hunter-Lab	49.6100, 6.4688, 19.1225

Details

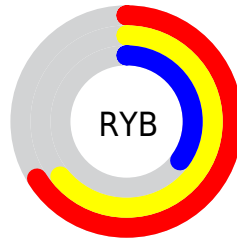
The Hex color **A9805A** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5A83A9**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E2B58D**, and **734F2B** is the 20% darker color. If you saturate the color by 10%, you get **A97749**, and if you desaturate by 10%, it is **A9896B**.

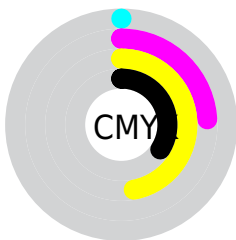
Distribution



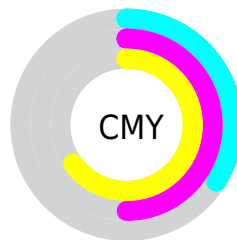
- Red (66%)
- Green (50%)
- Blue (35%)



- Red (66%)
- Yellow (64%)
- Blue (35%)



- Cyan (0%)
- Magenta (24%)
- Yellow (47%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9805A 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 A9805A by changing the saturation by 10% instead.

 A9805A

 A9805A

FFFFFF

 8E6742

 E2B58D

 734F2B

 FFD0A7

 593816

 FFEDC2

 402200

 FFFFDE

 270E00

 FFFFFB

 000000

 A9805A

 A9805A

 A97749

 A9896B

 A96E38

 A9927C

 A96627

 A99A8D

 A95D16

 A9A39E

 A95405

 A9ACAE

 A95100

 A9B5BF

 A9BDD0

 A9C6E1

 A9CFF2

Harmonies

Analogous

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



B7786A



A9805A



938956

Triad

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



A9805A



3B968E



947FB0

Complementary

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



A9805A



5A83A9

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.



7088B9



A9805A



2E94A6

Square

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



A9805A



599474



4890B6



AD789C

Rectangle

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



A9805A



818E5B



4890B6



8982B4

Sweetspot

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



A9805A



DBCBBB



A95A84



6E645B



EDEDED



6E6E6E

Same Dimension

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



A9805A



DB9C60



A9A65A



54504C



944700



140A00

Inverse Universe

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



5A83A9



60A0DB



5A5DA9



4C5054



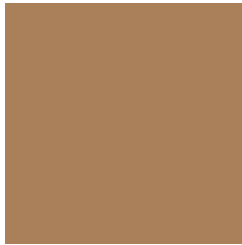
004D94



000B14

Previews

White Background



This preview shows how the Hex color A9805A looks on a white background.

Color Contrast Check

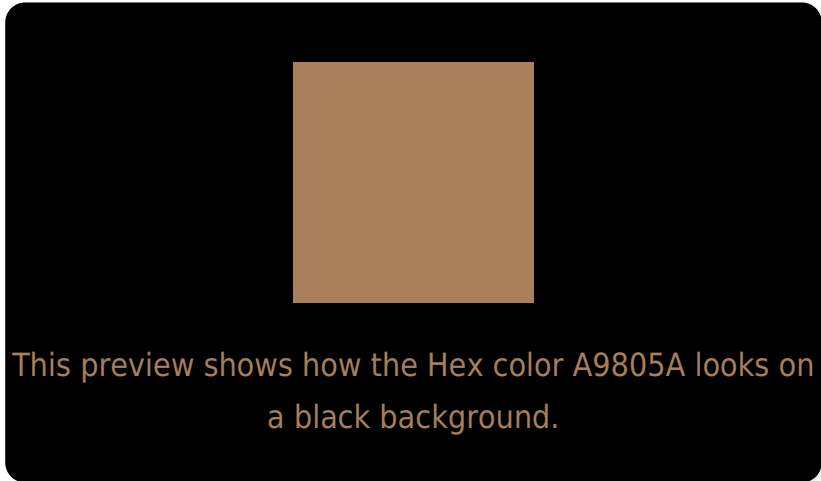
Large Text (above 18pt) WCAG AA ✓ Pass

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

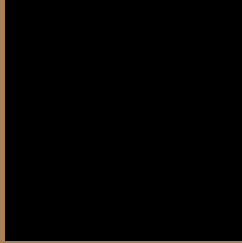
Any Text WCAG AA ✓ Pass

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 A9805A Background



This preview shows how black text looks on a background with the Hex color A9805A.



This preview shows how white text looks on a background with the Hex color A9805A.

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
A9805A

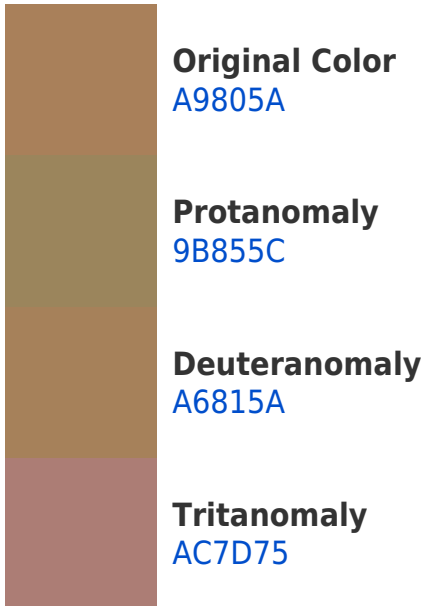
Protanopia
93885D

Deuteranopia
A4825A

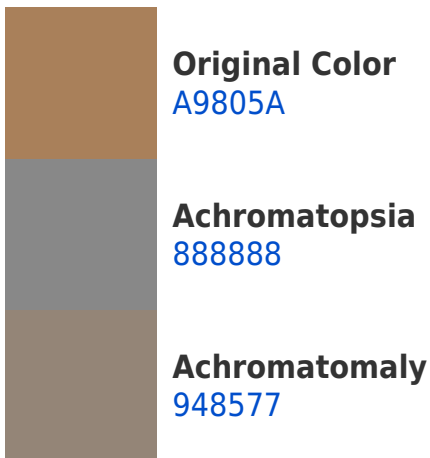


Tritanopia
AD7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A9805A 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 #A9805A looks like.

```
.text, #text, p{  
    color:#A9805A  
}
```

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 #A9805A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9805A
}
```

Border

The CSS property to change the border of an element to Hex A9805A 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
#A9805A }
```

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

```
.border{ border-color:#A9805A }
```

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

Here you see how a box with a 4 pixel #A9805A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9805A; -webkit-box-shadow:4px 4px  
4px 4px #A9805A; box-shadow:4px 4px 4px  
4px #A9805A }
```

Background

The CSS property to change the background color of an element to Hex A9805A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9805A }
```

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

```
.background{ background-color:#A9805A }
```

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