

# Converting Colors

Hex(A98C45)

Have a look what the booklet for  
Hex(A98C45) contains.

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**Color**

**Hex(A98C45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A98C45
RGB	169, 140, 69
RGB Percent	66%, 55%, 27%
CMY	0.3373, 0.4510, 0.7294
CMYK	0.00, 0.17, 0.59, 0.34
HSL	43°, 42%, 47%
HSV	43°, 59%, 66%
XYZ	26.8144, 27.6209, 9.5483
YIQ	140.5770, 40.0750, -15.9330

# Conversions

## Conversions Part 2

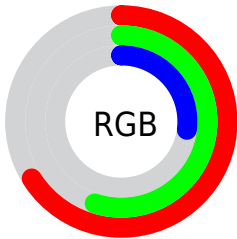
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 169, 69
Decimal	11111493
CIE <sub>Lab</sub>	59.54, 2.31, 41.39
CIE <sub>LCh</sub>	60, 41.458, 86.812
Yxy	27.6209, 0.4191, 0.4317
Android (android.graphics.Color)	4289301573 (0xFFA98C45)
YUV	140.5770, -35.2875, 24.9270
Hunter-Lab	52.5555, -0.8994, 26.0171

# Details

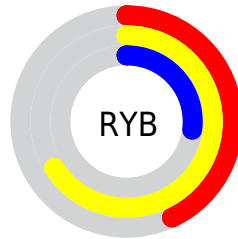
The Hex color **A98C45** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4562A9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E2C177**, and **725A13** is the 20% darker color. If you saturate the color by 10%, you get **A98734**, and if you desaturate by 10%, it is **A99156**.

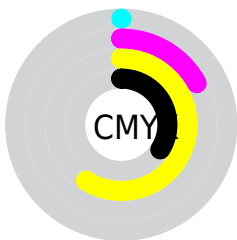
# Distribution



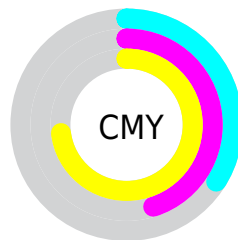
- Red (66%)
- Green (55%)
- Blue (27%)



- Red (43%)
- Yellow (66%)
- Blue (27%)



- Cyan (0%)
- Magenta (17%)
- Yellow (59%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98C45 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 A98C45 by changing the saturation by 10% instead.



 A98C45

 A98C45

FFFFFF

 8D732D

 E2C177

 725A13

 FFDD92

 584300

 FFFAAD

 3E2D00

 FFFFC9

 251900

 FFFF E5

 010000

 000000

 A98C45

 A98C45

 A98734

 A99156

 A98223

 A99667

 A97D12

 A99B78

 A97801

 A9A089

 A97800

 A9A599

 A9A9AA

 A9AEBB

 A9B3CC

 A9B8DD

# Harmonies

## Analogous

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



C57F53



A98C45



85974C

# Triad

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



A98C45



00A2AF



B97AB8

# Complementary

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



A98C45



4562A9

# 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.



8C87D0



A98C45



009DCC

# Square

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



A98C45



00A28A



4894D8



D17295

# Rectangle

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



A98C45



689C5C



4894D8



AC7EC2



# Sweetspot

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



A98C45



DBD0B4



A94563



6E6756



EDEDED



6E6E6E



# Same Dimension

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



A98C45



DBAE40



95A945



54524C



946900



140E00



# Inverse Universe

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



4562A9



406DDB



5945A9



4C4E54



002B94



000614



# Previews

## White Background



This preview shows how the Hex color A98C45 looks on a white background.

## Color Contrast Check

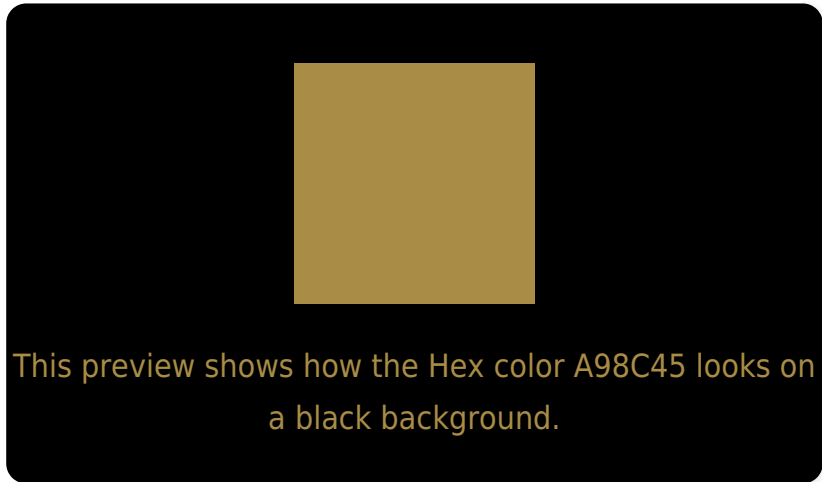
Large Text (above 18pt) WCAG AA ✓ Pass

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 A98C45 Background



This preview shows how black text looks on a background with the Hex color A98C45.



This preview shows how white text looks on a background with the Hex color A98C45.

# 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**  
A98C45

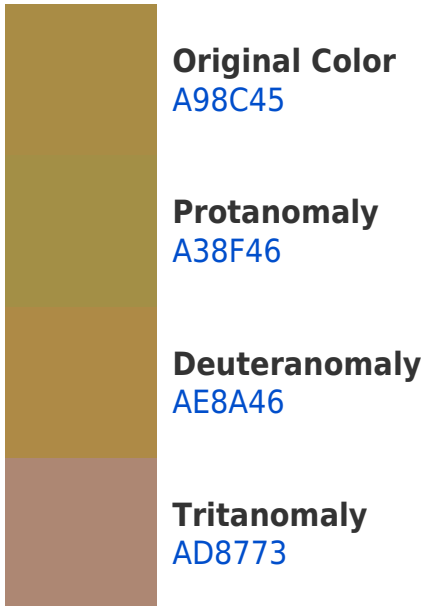
**Protanopia**  
9F9046

**Deuteranopia**  
B18946

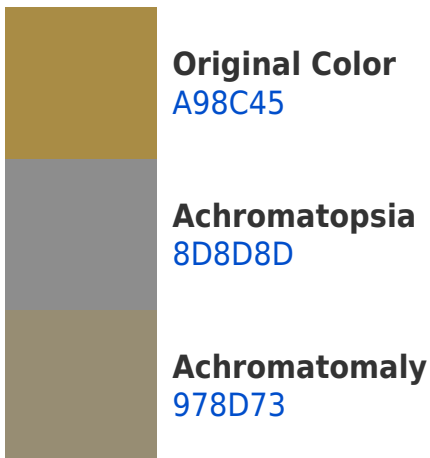


**Tritanopia**  
AF848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98C45 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 #A98C45 looks like.

```
.text, #text, p{  
    color:#A98C45  
}
```

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 #A98C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98C45
}
```

## Border

The CSS property to change the border of an element to Hex A98C45 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
#A98C45 }
```

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

```
.border{ border-color:#A98C45 }
```

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

Here you see how a box with a 4 pixel #A98C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98C45; -webkit-box-shadow:4px 4px  
4px 4px #A98C45; box-shadow:4px 4px 4px  
4px #A98C45 }
```

# Background

The CSS property to change the background color of an element to Hex A98C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98C45 }
```

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

```
.background{ background-color:#A98C45 }
```

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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