

Converting Colors

Hex(A68A49)

Have a look what the booklet for
Hex(A68A49) contains.

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Color

Hex(A68A49)

Conversions

Conversions Part 1

Format	Color
Hex	A68A49
RGB	166, 138, 73
RGB Percent	65%, 54%, 29%
CMY	0.3490, 0.4588, 0.7137
CMYK	0.00, 0.17, 0.56, 0.35
HSL	42°, 39%, 47%
HSV	42°, 56%, 65%
XYZ	26.0170, 26.7650, 10.0982
YIQ	138.9620, 37.5530, -14.2790

Conversions

Conversions Part 2

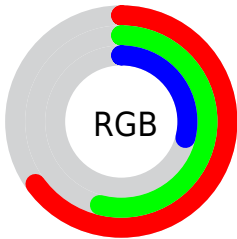
Format	Color
RYB	113, 166, 73
Decimal	10914377
CIELab	58.76, 2.42, 38.36
CIELCh	59, 38.436, 86.389
Yxy	26.7650, 0.4138, 0.4257
Android (android.graphics.Color)	4289104457 (0xFFA68A49)
YUV	138.9620, -32.5193, 23.7123
Hunter-Lab	51.7349, -0.7702, 24.6415

Details

The Hex color **A68A49** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4965A6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **DFBF7B**, and **6F5819** is the 20% darker color. If you saturate the color by 10%, you get **A68538**, and if you desaturate by 10%, it is **A68F5A**.

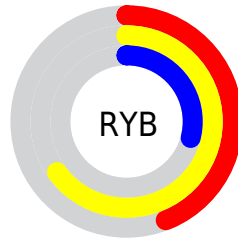
Distribution



Red (65%)

Green (54%)

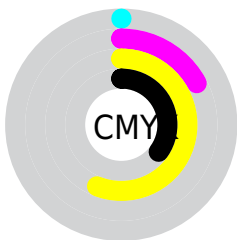
Blue (29%)



Red (44%)

Yellow (65%)

Blue (29%)

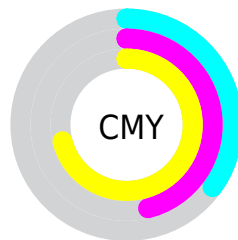


Cyan (0%)

Magenta (17%)

Yellow (56%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68A49 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 A68A49 by changing the saturation by 10% instead.

 A68A49

 A68A49

FFFFFF

 8A7131

 DFBF7B

 6F5819

 FCDB96

 554100

 FFF7B1

 3C2B00

 FFFFCD

 231700

 FFFF E9

 000000

 A68A49

 A68A49

 A68538

 A68F5A

 A68028

 A6946A

 A67B17

 A6997B

 A67607

 A69E8B

 A67400

 A6A39C

 A6A8AD

 A6ADB D

 A6B2CE

 A6B7DE

Harmonies

Analogous

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



C07E56



A68A49



84944F

Triad

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



A68A49



009EAA



B47AB3

Complementary

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



A68A49



4965A6

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.



8A86CA



A68A49



009AC5

Square

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



A68A49



219F88



4E92D0



CA7293

Rectangle

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



A68A49



6A995D



4E92D0



A87EBC

Sweetspot

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



A68A49



D9CEB4



A64966



6E6758



EDEDED



6E6E6E

Same Dimension

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



A68A49



D9AD48



95A649



54524C



946700



140E00

Inverse Universe

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



4965A6



4873D9



5A49A6



4C4E54



002D94



000614

Previews

White Background



This preview shows how the Hex color A68A49 looks on a white background.

Color Contrast Check

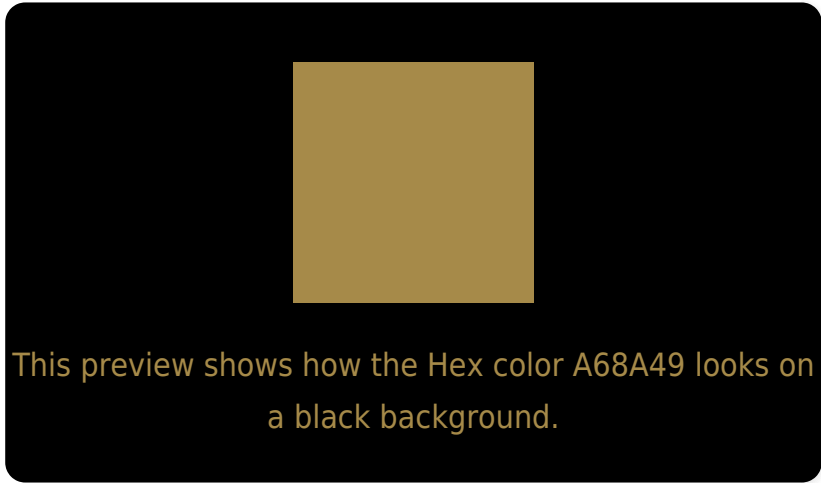
Large Text (above 18pt) WCAG AA ✓ Pass

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

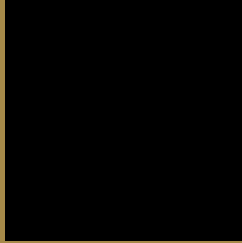
Any Text WCAG AA ✓ Pass

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 A68A49 Background



This preview shows how black text looks on a background with the Hex color A68A49.



This preview shows how white text looks on a background with the Hex color A68A49.

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
A68A49

Protanopia
9C8E4A

Deuteranopia
AE874A



Tritanopia
AC828C

Trichromacy



Original Color
A68A49

Protanomaly
A08D4A

Deuteranomaly
AB884A

Tritanomaly
AA8574

Monochromacy



Original Color
A68A49

Achromatopsia
8B8B8B

Achromatomaly
958B73

CSS Examples

Text

The CSS property to change the color of the text to Hex A68A49 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 #A68A49 looks like.

```
.text, #text, p{  
    color:#A68A49  
}
```

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 #A68A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68A49
}
```

Border

The CSS property to change the border of an element to Hex A68A49 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
#A68A49 }
```

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

```
.border{ border-color:#A68A49 }
```

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

Here you see how a box with a 4 pixel #A68A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68A49; -webkit-box-shadow:4px 4px  
4px 4px #A68A49; box-shadow:4px 4px 4px  
4px #A68A49 }
```

Background

The CSS property to change the background color of an element to Hex A68A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68A49 }
```

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

```
.background{ background-color:#A68A49 }
```

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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