

# Converting Colors

Hex(A9681A)

Have a look what the booklet for  
Hex(A9681A) contains.

<b>Hex(A9681A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A9681A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9681A
RGB	169, 104, 26
RGB Percent	66%, 41%, 10%
CMY	0.3373, 0.5922, 0.8980
CMYK	0.00, 0.38, 0.85, 0.34
HSL	33°, 73%, 38%
HSV	33°, 85%, 66%
XYZ	21.4990, 18.4102, 3.3977
YIQ	114.5430, 63.7780, -10.4780

# Conversions

## Conversions Part 2

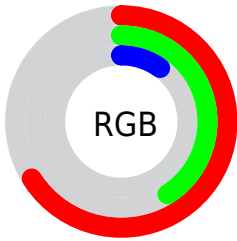
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 169, 26
Decimal	11102234
CIELab	49.99, 20.21, 50.81
CIELCh	50, 54.681, 68.312
Yxy	18.4102, 0.4964, 0.4251
Android (android.graphics.Color)	4289292314 (0xFFA9681A)
YUV	114.5430, -43.6517, 47.7588
Hunter-Lab	42.9071, 14.3513, 25.3400

# Details

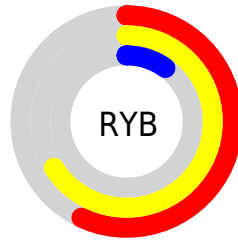
The Hex color **A9681A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1A5BA9**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **E59B4E**, and **703800** is the 20% darker color. If you saturate the color by 10%, you get **A96009**, and if you desaturate by 10%, it is **A9702B**.

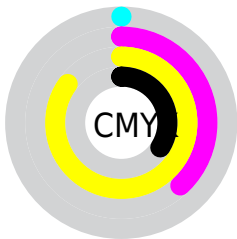
# Distribution



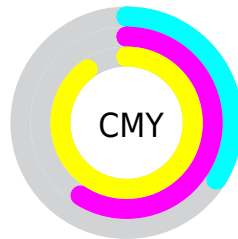
- Red (66%)
- Green (41%)
- Blue (10%)



- Red (57%)
- Yellow (66%)
- Blue (10%)



- Cyan (0%)
- Magenta (38%)
- Yellow (85%)
- Black (34%)



- Cyan (34%)
- Magenta (59%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9681A 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 A9681A by changing the saturation by 10% instead.





A9681A



A9681A

FFFFFF



8C5000



E59B4E



703800



FFB667



532200



FFD281



380D00



FFEE9C



220001



FFFFB8



000000



FFFFD4



FFFFF1



A9681A



A9681A

■ A96009

■ A9702B

■ A95C00

■ A9773C

■ A97F4D

■ A9875E

■ A98E6E

■ A9967F

■ A99E90

■ A9A5A1

■ A9ADB2

# Harmonies

## Analogous

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



C35540



A9681A



827906

# Triad

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



A9681A



008D83



8965C0

# Complementary

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



A9681A



1A5BA9

# 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.



1C78D3



A9681A



008BB0

# Square

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



A9681A



008A53



0085CD



B8519A

# Rectangle

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



A9681A



63811A



0085CD



716CC9



# Sweetspot

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



A9681A



DBC2A4



A91A5D



6E5F4D



EDEDED



6E6E6E



# Same Dimension

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



A9681A



DB7800



A4A91A



54504C



945100



140B00



# Inverse Universe

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



1A5BA9



0064DB



1F1AA9



4C5054



004394



000914



# Previews

## White Background



This preview shows how the Hex color A9681A looks on a white background.

## Color Contrast Check

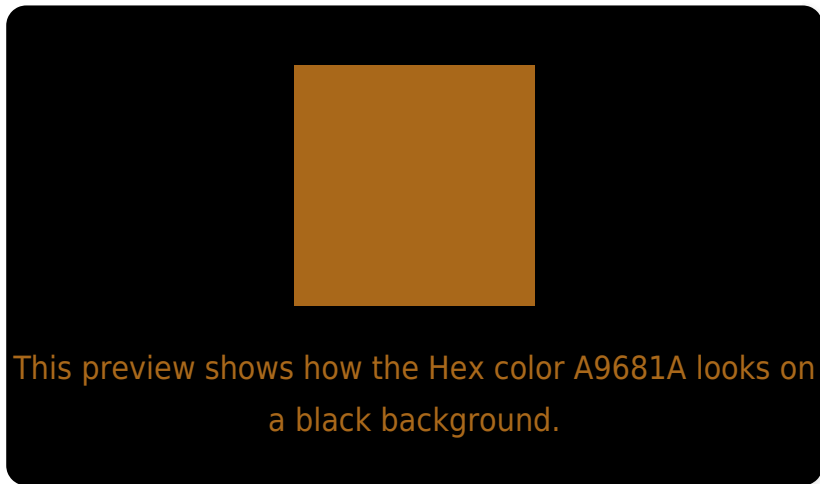
Large Text (above 18pt) WCAG AA ✓ Pass

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

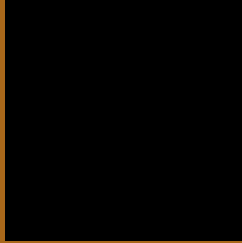
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9681A Background



This preview shows how black text looks on a background with the Hex color A9681A.



This preview shows how white text looks on a background with the Hex color A9681A.

# 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



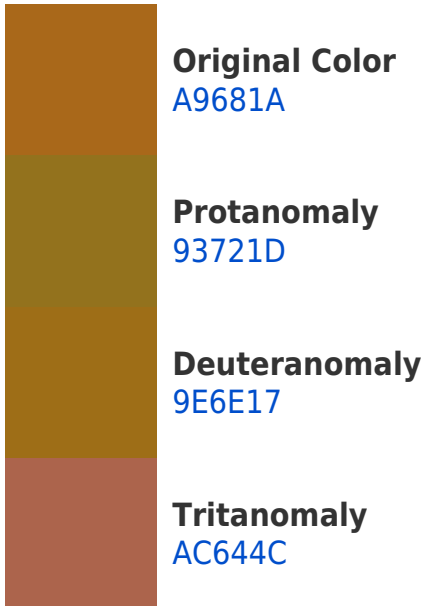
**Original Color**  
A9681A

**Protanopia**  
86781E

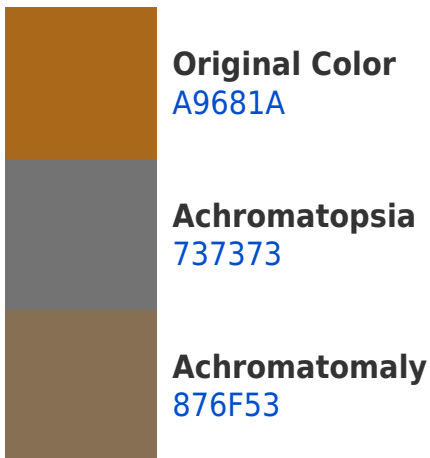
**Deuteranopia**  
977115



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9681A 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 #A9681A looks like.

```
.text, #text, p{  
    color:#A9681A  
}
```

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 #A9681A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9681A
}
```

## Border

The CSS property to change the border of an element to Hex A9681A 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
#A9681A }
```

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

```
.border{ border-color:#A9681A }
```

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

Here you see how a box with a 4 pixel #A9681A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9681A; -webkit-box-shadow:4px 4px  
4px 4px #A9681A; box-shadow:4px 4px 4px  
4px #A9681A }
```

# Background

The CSS property to change the background color of an element to Hex A9681A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9681A }
```

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

```
.background{ background-color:#A9681A }
```

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