

# Converting Colors

Hex(A0841A)

Have a look what the booklet for  
Hex(A0841A) contains.

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**Color**

**Hex(A0841A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0841A
RGB	160, 132, 26
RGB Percent	63%, 52%, 10%
CMY	0.3725, 0.4824, 0.8980
CMYK	0.00, 0.17, 0.84, 0.37
HSL	47°, 72%, 36%
HSV	47°, 84%, 63%
XYZ	22.9349, 24.0507, 4.4107
YIQ	128.2880, 50.7140, -27.0300

# Conversions

## Conversions Part 2

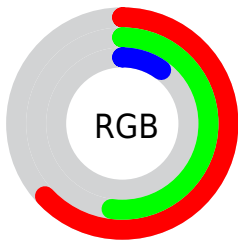
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 160, 26
Decimal	10519578
CIELab	56.14, 0.34, 55.69
CIELCh	56, 55.690, 89.648
Yxy	24.0507, 0.4462, 0.4679
Android (android.graphics.Color)	4288709658 (0xFFA0841A)
YUV	128.2880, -50.4280, 27.8114
Hunter-Lab	49.0415, -2.3447, 28.9966

# Details

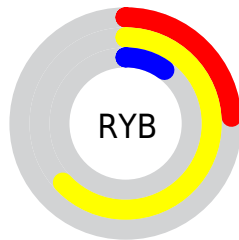
The Hex color **A0841A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1A36A0**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **DAB951**, and **685300** is the 20% darker color. If you saturate the color by 10%, you get **A0810A**, and if you desaturate by 10%, it is **A0872A**.

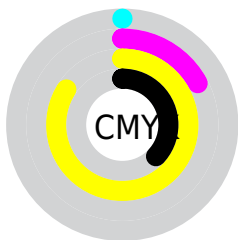
# Distribution



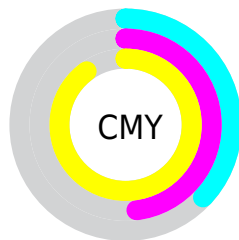
- Red (63%)
- Green (52%)
- Blue (10%)



- Red (24%)
- Yellow (63%)
- Blue (10%)



- Cyan (0%)
- Magenta (17%)
- Yellow (84%)
- Black (37%)



- Cyan (37%)
- Magenta (48%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0841A 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 A0841A by changing the saturation by 10% instead.



 A0841A

 A0841A

FFFFFF

 846B00

 DAB951

 685300

 F8D46B

 4D3C00

 FFF186

 332700

 FFFFA1

 1B1300

 FFFFBD

 000000

 FFFFDA

 FFFFF7

 A0841A

 A0841A

■ A0810A

■ A0872A

■ A07F00

■ A08B3A

■ A08E4A

■ A0915A

■ A0956A

■ A0987A

■ A09B8A

■ A09F9A

■ A0A2AA

# Harmonies

## Analogous

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



C57132



A0841A



70922B

# Triad

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



A0841A



009DB5



C065B8

# Complementary

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



A0841A



1A36A0

# 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.



857ADB



A0841A



0098DA

# Square

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



A0841A



009D84



008CE8



DC5989

# Rectangle

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



A0841A



469844



008CE8



B16CC6



# Sweetspot

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



A0841A



D1C69D



A01A37



696249



E8E8E8



696969



# Same Dimension

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



A0841A



D1A500



7AA01A



4F4D47



8F7100



0F0C00



# Inverse Universe

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



1A36A0



002CD1



401AA0



47494F



001E8F

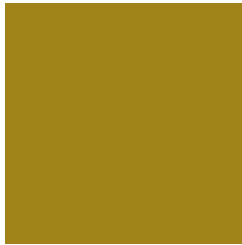


00030F



# Previews

## White Background



This preview shows how the Hex color A0841A looks on a white background.

## Color Contrast Check

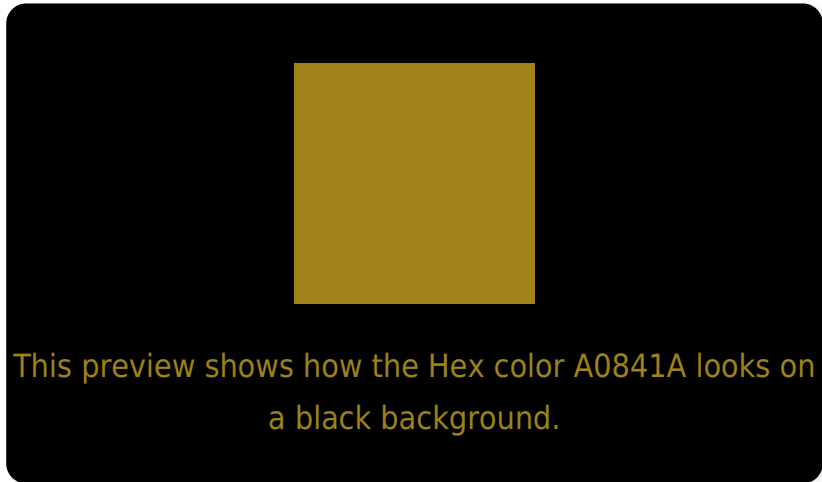
Large Text (above 18pt) WCAG AA ✓ Pass

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 A0841A Background



This preview shows how black text looks on a background with the Hex color A0841A.



This preview shows how white text looks on a background with the Hex color A0841A.

# 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**  
A0841A

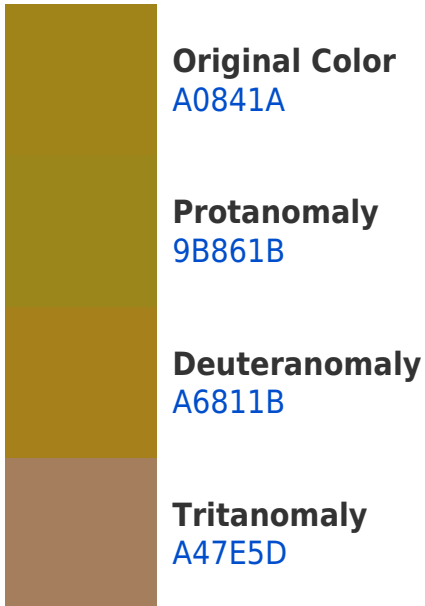
**Protanopia**  
98871B

**Deuteranopia**  
AA801C

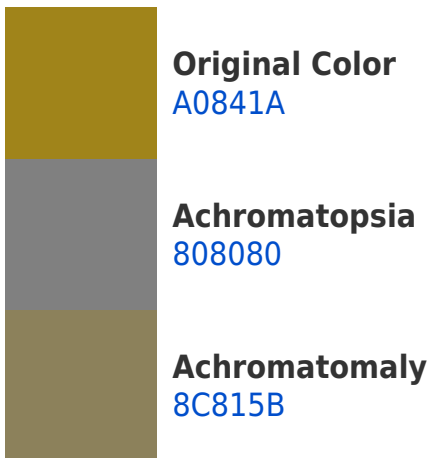


**Tritanopia**  
A77B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0841A 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 #A0841A looks like.

```
.text, #text, p{  
    color:#A0841A  
}
```

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 #A0841A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0841A
}
```

## Border

The CSS property to change the border of an element to Hex A0841A 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
#A0841A }
```

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

```
.border{ border-color:#A0841A }
```

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

Here you see how a box with a 4 pixel #A0841A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0841A; -webkit-box-shadow:4px 4px  
4px 4px #A0841A; box-shadow:4px 4px 4px  
4px #A0841A }
```

# Background

The CSS property to change the background color of an element to Hex A0841A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0841A }
```

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

```
.background{ background-color:#A0841A }
```

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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