

# Converting Colors

Hex(A89225)

Have a look what the booklet for  
Hex(A89225) contains.

<b>Hex(A89225)</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(A89225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A89225
RGB	168, 146, 37
RGB Percent	66%, 57%, 15%
CMY	0.3412, 0.4275, 0.8549
CMYK	0.00, 0.13, 0.78, 0.34
HSL	50°, 64%, 40%
HSV	50°, 78%, 66%
XYZ	26.7613, 29.0162, 5.9405
YIQ	140.1520, 48.1010, -29.2350

# Conversions

## Conversions Part 2

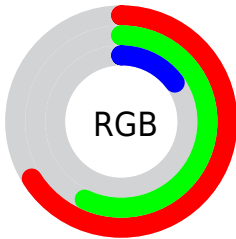
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 168, 37
Decimal	11047461
CIELab	60.80, -3.30, 56.55
CIElCh	61, 56.648, 93.344
Yxy	29.0162, 0.4336, 0.4701
Android (android.graphics.Color)	4289237541 (0xFFA89225)
YUV	140.1520, -50.8539, 24.4227
Hunter-Lab	53.8667, -5.5868, 31.1681

# Details

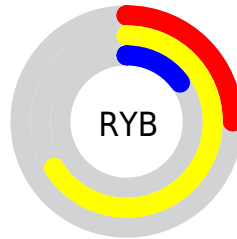
The Hex color **A89225** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **253BA8**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E2C85B**, and **706000** is the 20% darker color. If you saturate the color by 10%, you get **A88F14**, and if you desaturate by 10%, it is **A89536**.

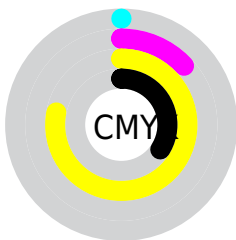
# Distribution



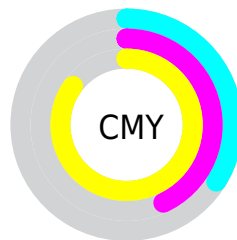
- Red (66%)
- Green (57%)
- Blue (15%)



- Red (25%)
- Yellow (66%)
- Blue (15%)



- Cyan (0%)
- Magenta (13%)
- Yellow (78%)
- Black (34%)



- Cyan (34%)
- Magenta (43%)
- Yellow (85%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A89225 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 A89225 by changing the saturation by 10% instead.



 A89225

 A89225

FFFFFF

 8C7800

 E2C85B

 706000

 FFE476

 554800

 FFFF91

 3B3200

 FFFFAC

 221E00

 FFFFC8

 000500

 FFFFEE

 000000

 A89225

 A89225

 A88F14

 A89536

 A88C03

 A89847

 A88C00

 A89A57

 A89D68

 A8A079

 A8A38A

 A8A69B

 A8A9AB

 A8ABBC

# Harmonies

## Analogous

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



D07F37



A89225



759F39

# Triad

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



A89225



00AAC8



D46EC0

# Complementary

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



A89225



253BA8

# 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.



9C83E7



A89225



00A3EC

# Square

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



A89225



00AB97



2396F7



EC648F

# Rectangle

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



A89225



47A554



2396F7



C575CF



# Sweetspot

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



A89225



DBD3A9



A8253D



6E684F



EDEDED



6E6E6E



# Same Dimension

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



A89225



DBB90D



7FA825



54534C



947B00



141100



# Inverse Universe

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



253BA8



0D30DB



4E25A8



4C4D54



001994

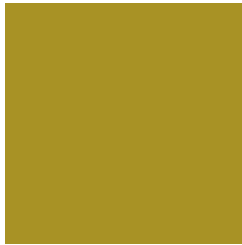


000314



# Previews

## White Background



This preview shows how the Hex color A89225 looks on a white background.

## Color Contrast Check

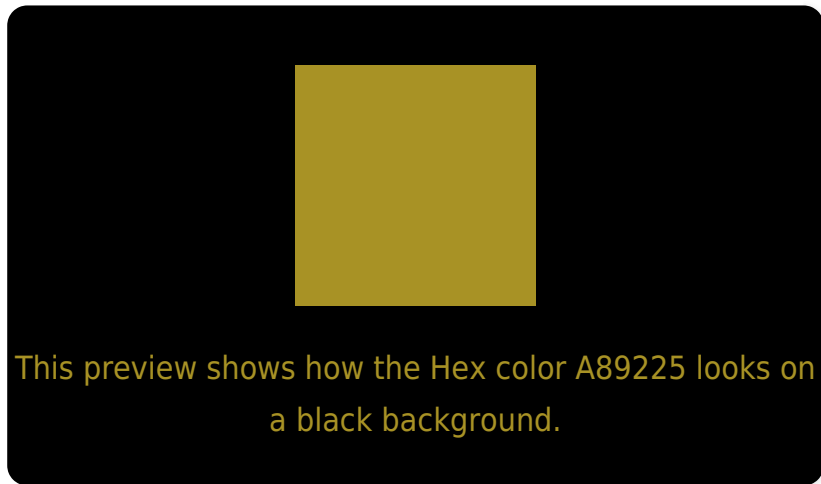
Large Text (above 18pt) WCAG AA ✓ Pass

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 A89225 Background



This preview shows how black text looks on a background with the Hex color A89225.



This preview shows how white text looks on a background with the Hex color A89225.

# 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**  
A89225

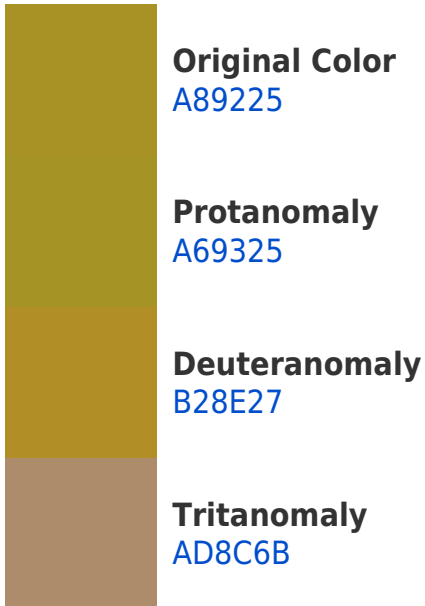
**Protanopia**  
A59325

**Deuteranopia**  
B88B28

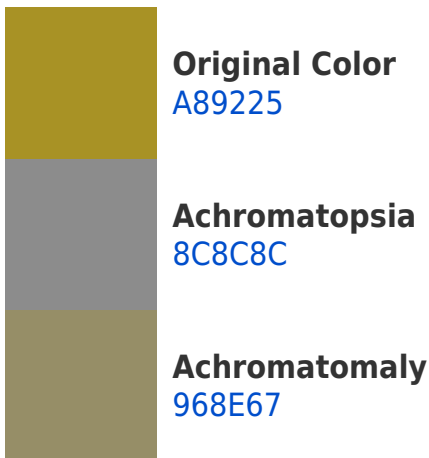


**Tritanopia**  
B08893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A89225 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 #A89225 looks like.

```
.text, #text, p{  
    color:#A89225  
}
```

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 #A89225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89225
}
```

## Border

The CSS property to change the border of an element to Hex A89225 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
#A89225 }
```

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

```
.border{ border-color:#A89225 }
```

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

Here you see how a box with a 4 pixel #A89225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89225; -webkit-box-shadow:4px 4px  
4px 4px #A89225; box-shadow:4px 4px 4px  
4px #A89225 }
```

# Background

The CSS property to change the background color of an element to Hex A89225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89225 }
```

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

```
.background{ background-color:#A89225 }
```

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