

# Converting Colors

Hex(A89C23)

Have a look what the booklet for  
Hex(A89C23) contains.

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**Color**

**Hex(A89C23)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A89C23                      |
| RGB         | 168, 156, 35                |
| RGB Percent | 66%, 61%, 14%               |
| CMY         | 0.3412, 0.3882, 0.8627      |
| CMYK        | 0.00, 0.07, 0.79, 0.34      |
| HSL         | 55°, 66%, 40%               |
| HSV         | 55°, 79%, 66%               |
| XYZ         | 28.3403, 32.2231, 6.3161    |
| YIQ         | 145.7940, 45.9930, -35.0870 |

# Conversions

## Conversions Part 2

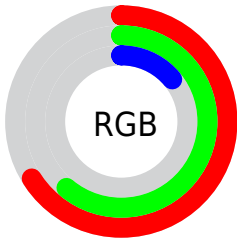
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">48, 168, 35</a>                                  |
| Decimal                             | <a href="#">11050019</a>                                     |
| CIELab                              | <a href="#">63.53, -8.75, 59.69</a>                          |
| CIELCh                              | <a href="#">64, 60.332, 98.342</a>                           |
| Yxy                                 | <a href="#">32.2231, 0.4238, 0.4818</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289240099</a><br>( <a href="#">0xFFA89C23</a> ) |
| YUV                                 | <a href="#">145.7940, -54.6214, 19.4747</a>                  |
| Hunter-Lab                          | <a href="#">56.7654, -10.2228, 33.1388</a>                   |

# Details

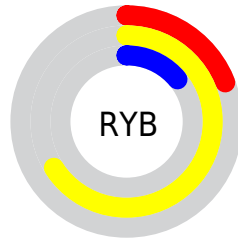
The Hex color **A89C23** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **232FA8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E2D25B**, and **706900** is the 20% darker color. If you saturate the color by 10%, you get **A89A12**, and if you desaturate by 10%, it is **A89E34**.

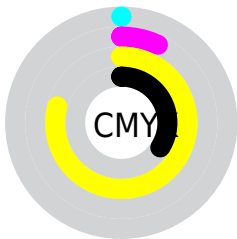
# Distribution



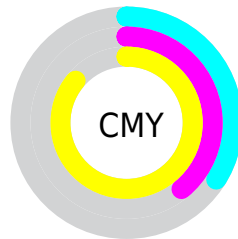
- Red (66%)
- Green (61%)
- Blue (14%)



- Red (19%)
- Yellow (66%)
- Blue (14%)



- Cyan (0%)
- Magenta (7%)
- Yellow (79%)
- Black (34%)



- Cyan (34%)
- Magenta (39%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A89C23 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 A89C23 by changing the saturation by 10% instead.





A89C23



A89C23

FFFFFF



8C8200



E2D25B



706900



FFEE76



555100



FFFF91



3B3B00



FFFFAD



222500



FFFFC9



001100



FFFFE6



000000



A89C23



A89C23



A89A12



A89E34

 A89901

 A89F45

 A89900

 A8A155

 A8A266

 A8A477

 A8A588

 A8A799

 A8A8A9

 A8AABA

# Harmonies

## Analogous

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



D58932



A89C23



6EA940

# Triad

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



A89C23



00B2DB



E66FC3

# Complementary

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



A89C23



232FA8

# 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.



B085EF



A89C23



00AAFD

# Square

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



A89C23



00B4A8



449BFF



FB678D

# Rectangle

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



A89C23



35AF5F



449BFF



D876D3



# Sweetspot

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



A89C23



DBD7A7



A82330



6E6B4E



EDEDED



6E6E6E



# Same Dimension

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



A89C23



DBC90B



73A823



54534C



948700



141300



# Inverse Universe

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



232FA8



0B1EDB



5823A8



4C4C54



000D94



000214



# Previews

## White Background



This preview shows how the Hex color A89C23 looks on a white background.

## Color Contrast Check

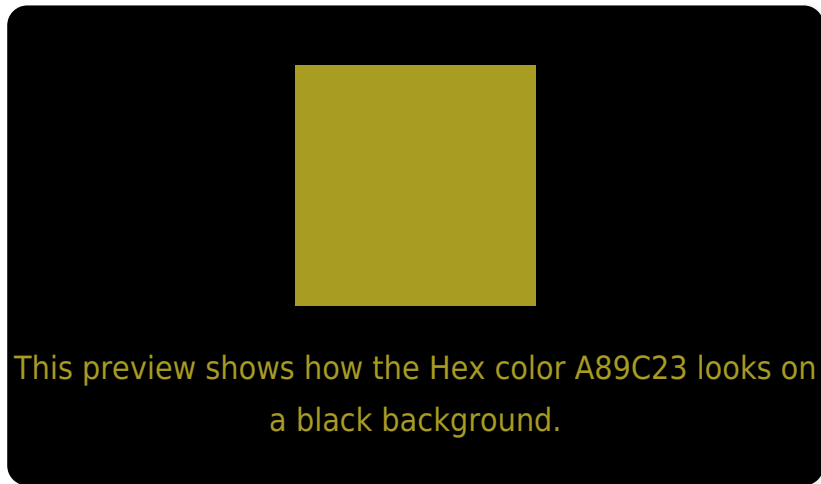
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex A89C23 Background



This preview shows how black text looks on a background with the Hex color A89C23.



This preview shows how white text looks on a background with the Hex color A89C23.

# 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**  
A89C23

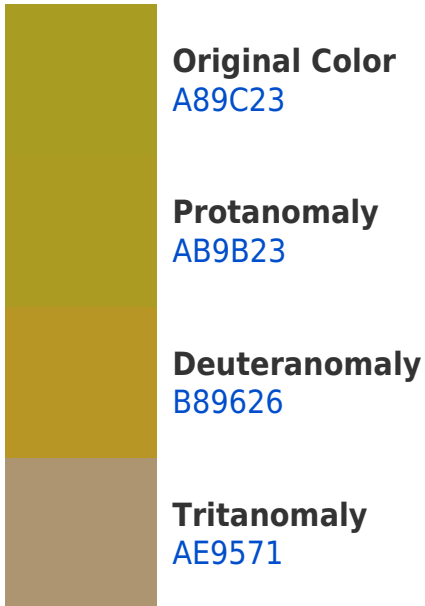
**Protanopia**  
AD9A23

**Deuteranopia**  
C19228



**Tritanopia**  
B1919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A89C23 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 #A89C23 looks like.

```
.text, #text, p{  
    color:#A89C23  
}
```

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 #A89C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89C23
}
```

## Border

The CSS property to change the border of an element to Hex A89C23 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
#A89C23 }
```

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

```
.border{ border-color:#A89C23 }
```

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

Here you see how a box with a 4 pixel #A89C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89C23; -webkit-box-shadow:4px 4px  
4px 4px #A89C23; box-shadow:4px 4px 4px  
4px #A89C23 }
```

# Background

The CSS property to change the background color of an element to Hex A89C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89C23 }
```

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

```
.background{ background-color:#A89C23 }
```

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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