

# Converting Colors

Hex(A89E45)

Have a look what the booklet for  
Hex(A89E45) contains.

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# **Color**

**Hex(A89E45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A89E45
RGB	168, 158, 69
RGB Percent	66%, 62%, 27%
CMY	0.3412, 0.3804, 0.7294
CMYK	0.00, 0.06, 0.59, 0.34
HSL	54°, 42%, 46%
HSV	54°, 59%, 66%
XYZ	29.4495, 33.2082, 10.4879
YIQ	150.8440, 34.5290, -25.5590

# Conversions

## Conversions Part 2

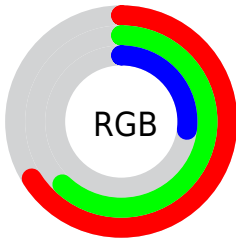
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">80, 168, 69</a>
Decimal	<a href="#">11050565</a>
CIELab	<a href="#">64.33, -7.91, 46.82</a>
CIELCh	<a href="#">64, 47.482, 99.588</a>
Yxy	<a href="#">33.2082, 0.4026, 0.4540</a>
Android (android.graphics.Color)	<a href="#">4289240645 (0xFFA89E45)</a>
YUV	<a href="#">150.8440, -40.3491, 15.0458</a>
Hunter-Lab	<a href="#">57.6266, -9.6259, 29.5480</a>

# Details

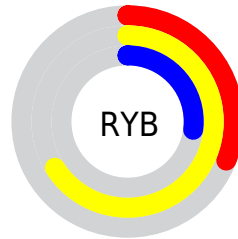
The Hex color **A89E45** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **454FA8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E1D478**, and **716B10** is the 20% darker color. If you saturate the color by 10%, you get **A89C34**, and if you desaturate by 10%, it is **A8A056**.

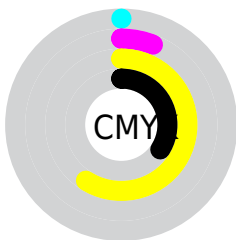
# Distribution



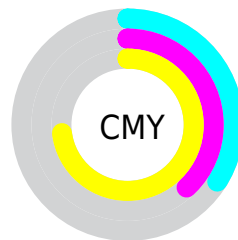
- Red (66%)
- Green (62%)
- Blue (27%)



- Red (31%)
- Yellow (66%)
- Blue (27%)



- Cyan (0%)
- Magenta (6%)
- Yellow (59%)
- Black (34%)



- Cyan (34%)
- Magenta (38%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A89E45 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 A89E45 by changing the saturation by 10% instead.



 A89E45

 A89E45

FFFFFF

 8C842C

 E1D478

 716B10

 FFF193

 575300

 FFFFAE

 3E3C00


 FFFFCA

 252700

 FFFFEE

 041300

 000000

 A89E45

 A89E45

 A89C34

 A8A056

 A89B23

 A8A167

 A89913

 A8A377

 A89702

 A8A588

 A89700

 A8A699

 A8A8AA

 A8AABB

 A8ACCB

 A8ADDC

# Harmonies

## Analogous

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



CD8F4C



A89E45



7AA958

# Triad

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



A89E45



00AFD1



DB7DBA

# Complementary

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



A89E45



454FA8

# 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.



B18BDE



A89E45



00A8EB

# Square

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



A89E45



00B2A9



6D9CEF



EC7890

# Rectangle

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



A89E45



54AE6F



6D9CEF



D081C8



# Sweetspot

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



A89E45



DBD7B4



A84551



6E6B56



EDEDED



6E6E6E



# Same Dimension

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



A89E45



DBCC40



82A845



54534C



948500



141200



# Inverse Universe

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



454FA8



404FDB



6B45A8



4C4D54



000F94



000214



# Previews

## White Background



This preview shows how the Hex color A89E45 looks on a white background.

## Color Contrast Check

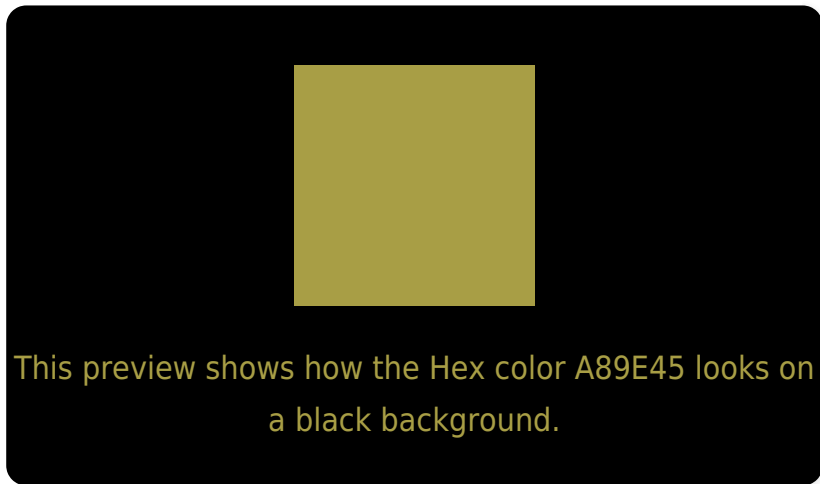
Large Text (above 18pt) WCAG AA × Fail

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 A89E45 Background



This preview shows how black text looks on a background with the Hex color A89E45.

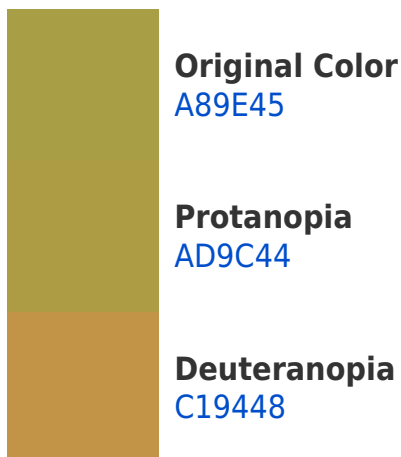


This preview shows how white text looks on a background with the Hex color A89E45.

# 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](#).

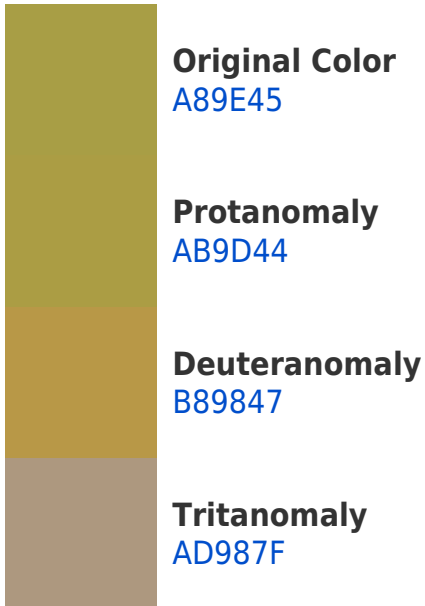
## Dichromacy



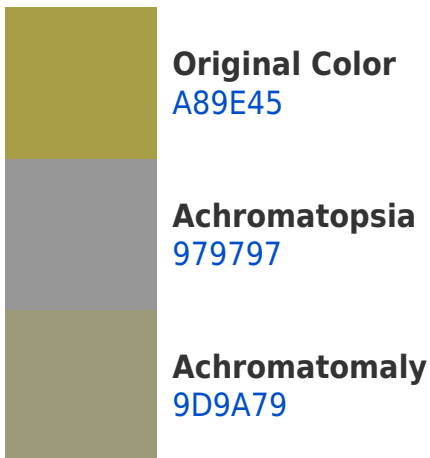


**Tritanopia**  
B094A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A89E45 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 #A89E45 looks like.

```
.text, #text, p{  
    color:#A89E45  
}
```

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 #A89E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89E45
}
```

## Border

The CSS property to change the border of an element to Hex A89E45 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
#A89E45 }
```

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

```
.border{ border-color:#A89E45 }
```

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

Here you see how a box with a 4 pixel #A89E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89E45; -webkit-box-shadow:4px 4px  
4px 4px #A89E45; box-shadow:4px 4px 4px  
4px #A89E45 }
```

# Background

The CSS property to change the background color of an element to Hex A89E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89E45 }
```

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

```
.background{ background-color:#A89E45 }
```

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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