

# Converting Colors

Hex(AC8F19)

Have a look what the booklet for  
Hex(AC8F19) contains.

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# Color

Hex(AC8F19)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC8F19
RGB	172, 143, 25
RGB Percent	67%, 56%, 10%
CMY	0.3255, 0.4392, 0.9020
CMYK	0.00, 0.17, 0.85, 0.33
HSL	48°, 75%, 39%
HSV	48°, 85%, 67%
XYZ	27.0112, 28.4858, 4.9944
YIQ	138.2190, 55.1620, -30.5500

# Conversions

## Conversions Part 2

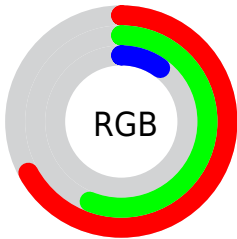
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 172, 25
Decimal	11308825
CIELab	60.33, -0.26, 60.00
CIElCh	60, 60.003, 90.246
Yxy	28.4858, 0.4465, 0.4709
Android (android.graphics.Color)	4289498905 (0xFFAC8F19)
YUV	138.2190, -55.8170, 29.6259
Hunter-Lab	53.3721, -3.0636, 31.8123

# Details

The Hex color **AC8F19** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1936AC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E7C452**, and **735D00** is the 20% darker color. If you saturate the color by 10%, you get **AC8C08**, and if you desaturate by 10%, it is **AC922A**.

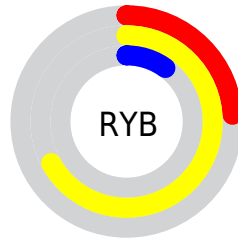
# Distribution



Red (67%)

Green (56%)

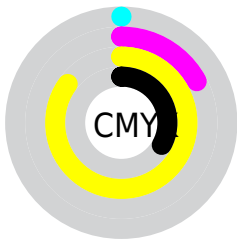
Blue (10%)



Red (24%)

Yellow (67%)

Blue (10%)

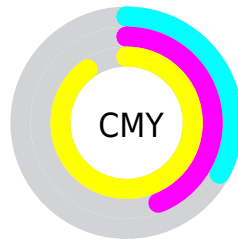


Cyan (0%)

Magenta (17%)

Yellow (85%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC8F19 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 AC8F19 by changing the saturation by 10% instead.



 AC8F19

 AC8F19

FFFFFF

 8F7600

 E7C452

 735D00

 FFE06D

 584600

 FFFD88

 3D3000

 FFFFA4

 241B00

 FFFFC0

 010100

 FFFFDD

 000000

 FFFFFA

 AC8F19

 AC8F19

■ AC8C08

■ AC922A

■ AC8A00

■ AC963B

■ AC994D

■ AC9D5E

■ ACA06F

■ ACA380

■ ACA791

■ ACAA3

■ ACAEB4

# Harmonies

## Analogous

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



D57B34



AC8F19



779E2D

# Triad

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



AC8F19



00AAC5



D16CC7

# Complementary

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



AC8F19



1936AC

# 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.



9283ED



AC8F19



00A4ED

# Square

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



AC8F19



00AA90



0097FB



EE5F93

# Rectangle

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



AC8F19



48A44A



0097FB



C074D6



# Sweetspot

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



AC8F19



E0D5A6



AC1936



70694D



F0F0F0



707070



# Same Dimension

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



AC8F19



E0B400



80AC19



57554E



967900



171200



# Inverse Universe

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



1936AC



002CE0



4519AC



4E5057



001E96

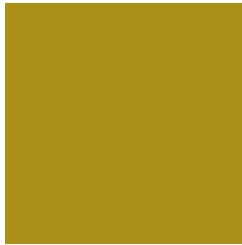


000517



# Previews

## White Background



This preview shows how the Hex color AC8F19 looks on a white background.

## Color Contrast Check

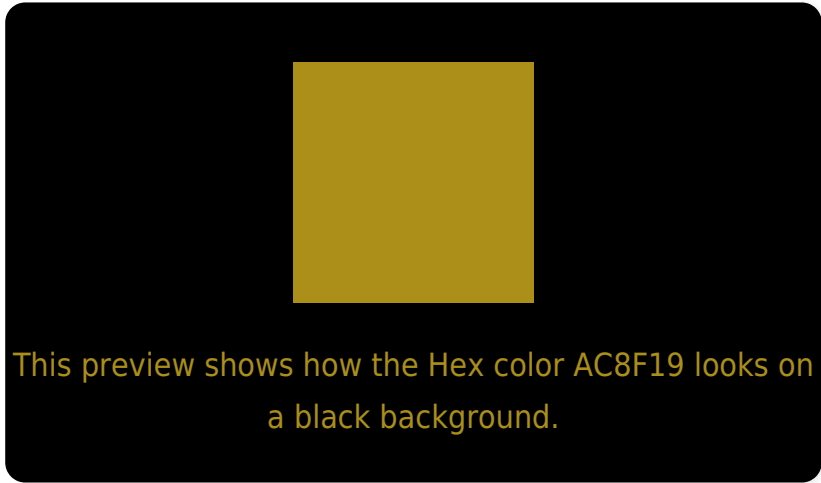
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8F19 Background



This preview shows how black text looks on a background with the Hex color AC8F19.



This preview shows how white text looks on a background with the Hex color AC8F19.

# 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**  
AC8F19

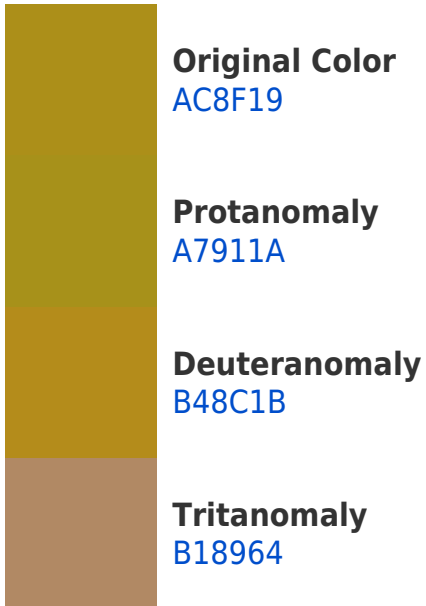
**Protanopia**  
A4921A

**Deuteranopia**  
B88A1C

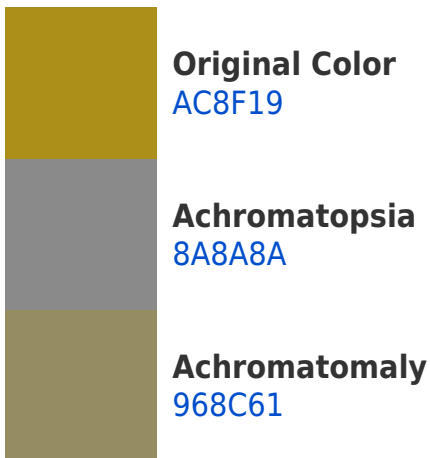


**Tritanopia**  
B4858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC8F19 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 #AC8F19 looks like.

```
.text, #text, p{  
    color:#AC8F19  
}
```

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 #AC8F19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8F19
}
```

## Border

The CSS property to change the border of an element to Hex AC8F19 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
#AC8F19 }
```

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

```
.border{ border-color:#AC8F19 }
```

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

Here you see how a box with a 4 pixel #AC8F19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8F19; -webkit-box-shadow:4px 4px  
4px 4px #AC8F19; box-shadow:4px 4px 4px  
4px #AC8F19 }
```

# Background

The CSS property to change the background color of an element to Hex AC8F19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8F19 }
```

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

```
.background{ background-color:#AC8F19 }
```

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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