

Converting Colors

Hex(AC990A)

Have a look what the booklet for
Hex(AC990A) contains.

Hex(AC990A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AC990A)

Conversions

Conversions Part 1

Format	Color
Hex	AC990A
RGB	172, 153, 10
RGB Percent	67%, 60%, 4%
CMY	0.3255, 0.4000, 0.9608
CMYK	0.00, 0.11, 0.94, 0.33
HSL	53°, 89%, 36%
HSV	53°, 94%, 67%
XYZ	28.4593, 31.5750, 4.8818
YIQ	142.3790, 57.2270, -40.4450

Conversions

Conversions Part 2

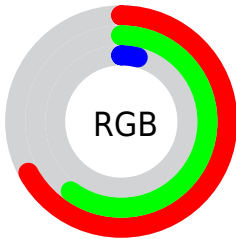
Format	Color
RYB	32, 172, 10
Decimal	11311370
CIELab	62.99, -5.97, 65.14
CIElCh	63, 65.412, 95.239
Yxy	31.5750, 0.4384, 0.4864
Android (android.graphics.Color)	4289501450 (0xFFAC990A)
YUV	142.3790, -65.2628, 25.9776
Hunter-Lab	56.1917, -7.9309, 34.1832

Details

The Hex color **AC990A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0A1DAC**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E7CF4D**, and **736600** is the 20% darker color. If you saturate the color by 10%, you get **AC9800**, and if you desaturate by 10%, it is **AC9B1B**.

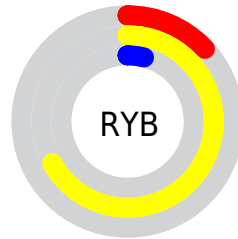
Distribution



Red (67%)

Green (60%)

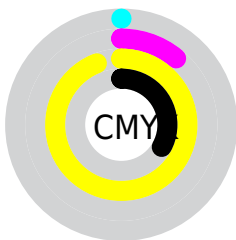
Blue (4%)



Red (13%)

Yellow (67%)

Blue (4%)

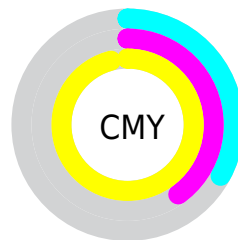


Cyan (0%)

Magenta (11%)

Yellow (94%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC990A 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 AC990A by changing the saturation by 10% instead.

 AC990A

 AC990A

FFFFFF

 8F7F00

 E7CF4D

 736600

 FFE868

 584F00

 FFFF84

 3D3800

 FFFFA0

 242300

 FFFFBC

 010E00

 FFFFD9

 000000

 FFFFF6

 AC990A

 AC990A

■ AC9800

■ AC9B1B

■ AC9D2C

■ AC9F3E

■ ACA14F

■ ACA360

■ ACA571

■ ACA782

■ ACA994

■ ACABA5

Harmonies

Analogous

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



DB8329



AC990A



6FA82F

Triad

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



AC990A



00B2DA



E66BCA

Complementary

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



AC990A



0A1DAC

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.



A784F8



AC990A



00ABFF

Square

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



AC990A



00B4A1



009CFF



FF5E91

Rectangle

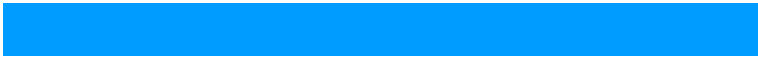
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AC990A



30AE52



009CFF



D673DC

Sweetspot

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



AC990A



E0D9A2



AC0A20



706C4A



F0F0F0



707070

Same Dimension

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



AC990A



E0C600



71AC0A



57564E



968500



171400

Inverse Universe

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



0A1DAC



001AE0



450AAC



4E4F57



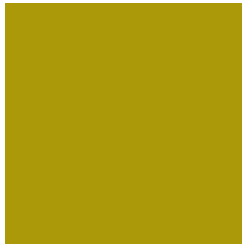
001296



000317

Previews

White Background



This preview shows how the Hex color AC990A looks on a white background.

Color Contrast Check

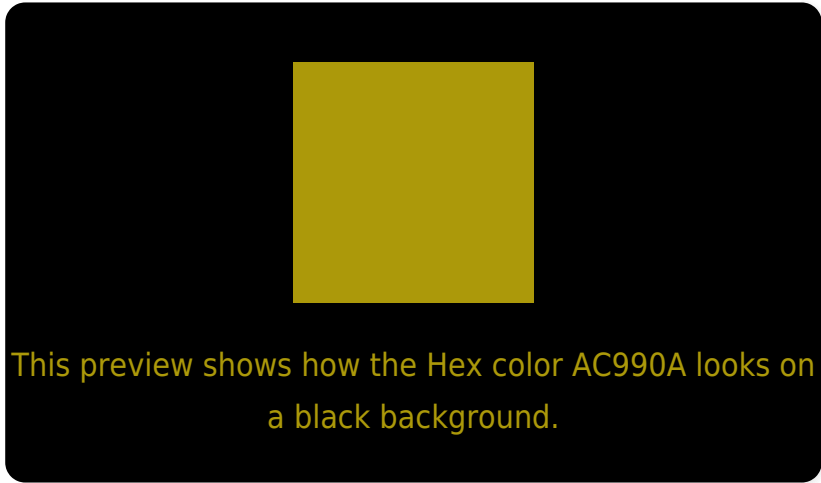
Large Text (above 18pt) WCAG AA × Fail

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 AC990A Background



This preview shows how black text looks on a background with the Hex color AC990A.



This preview shows how white text looks on a background with the Hex color AC990A.

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
AC990A

Protanopia
AC990A

Deuteranopia
C19115



Tritanopia
B58E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC990A 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 #AC990A looks like.

```
.text, #text, p{  
    color:#AC990A  
}
```

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 #AC990A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC990A
}
```

Border

The CSS property to change the border of an element to Hex AC990A 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
#AC990A }
```

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

```
.border{ border-color:#AC990A }
```

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

Here you see how a box with a 4 pixel #AC990A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC990A; -webkit-box-shadow:4px 4px  
4px 4px #AC990A; box-shadow:4px 4px 4px  
4px #AC990A }
```

Background

The CSS property to change the background color of an element to Hex AC990A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC990A }
```

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

```
.background{ background-color:#AC990A }
```

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