

# Converting Colors

Hex(AC9044)

Have a look what the booklet for  
Hex(AC9044) contains.

<b>Hex(AC9044)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(AC9044)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC9044
RGB	172, 144, 68
RGB Percent	67%, 56%, 27%
CMY	0.3255, 0.4353, 0.7333
CMYK	0.00, 0.16, 0.60, 0.33
HSL	44°, 43%, 47%
HSV	44°, 60%, 67%
XYZ	28.0299, 29.1345, 9.6150
YIQ	143.7080, 41.0840, -17.7000

# Conversions

## Conversions Part 2

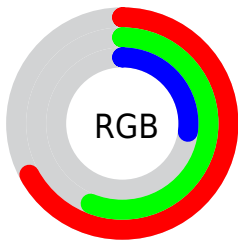
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 172, 68
Decimal	11309124
CIELab	60.90, 1.34, 43.52
CIELCh	61, 43.545, 88.230
Yxy	29.1345, 0.4197, 0.4363
Android (android.graphics.Color)	4289499204 (0xFFAC9044)
YUV	143.7080, -37.3240, 24.8121
Hunter-Lab	53.9764, -1.7638, 27.2219

# Details

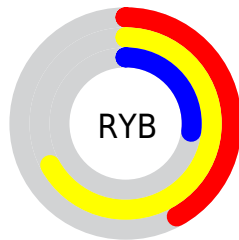
The Hex color **AC9044** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4460AC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E6C677**, and **755E11** is the 20% darker color. If you saturate the color by 10%, you get **AC8B33**, and if you desaturate by 10%, it is **AC9555**.

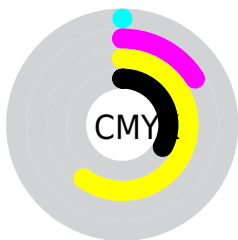
# Distribution



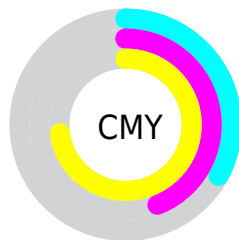
- Red (67%)
- Green (56%)
- Blue (27%)



- Red (42%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (60%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC9044 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 AC9044 by changing the saturation by 10% instead.



 AC9044

 AC9044

FFFFFF

 90762B

 E6C677

 755E11

 FFE291

 5A4700

 FFFEAC

 413000

 FFFFC8

 271C00

 FFFF E4

 090200

 000000

 AC9044

 AC9044

 AC8B33

 AC9555

■ AC8722

■ AC9966

■ AC8210

■ AC9E78

■ AC7E00

■ ACA389

■ ACA79A

■ ACACAB

■ ACB0BC

■ ACB5CE

■ ACBADF

# Harmonies

## Analogous

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



CA8252



AC9044



859B4D

# Triad

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



AC9044



00A6B6



C07BBC

# Complementary

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



AC9044



4460AC

# 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.



928AD7



AC9044



00A1D4

# Square

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



AC9044



00A68F



4A98DF



D87397

# Rectangle

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



AC9044



67A15E



4A98DF



B480C7



# Sweetspot

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



AC9044



E0D6B8



AC4461



706A58



F0F0F0



707070



# Same Dimension

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



AC9044



E0B43D



95AC44



57544E



966E00



171100



# Inverse Universe

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



4460AC



3D69E0



5B44AC



4E5057



002996



000617



# Previews

## White Background



This preview shows how the Hex color AC9044 looks on a white background.

## Color Contrast Check

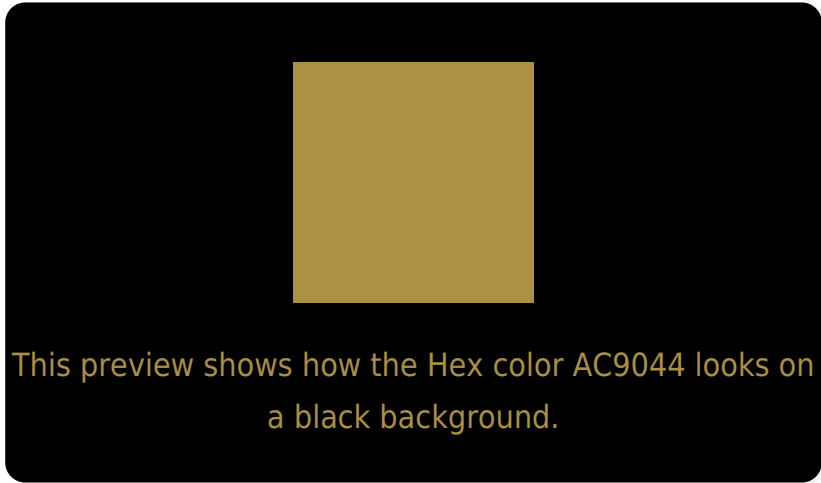
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC9044 Background



This preview shows how black text looks on a background with the Hex color AC9044.



This preview shows how white text looks on a background with the Hex color AC9044.

# 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**  
AC9044

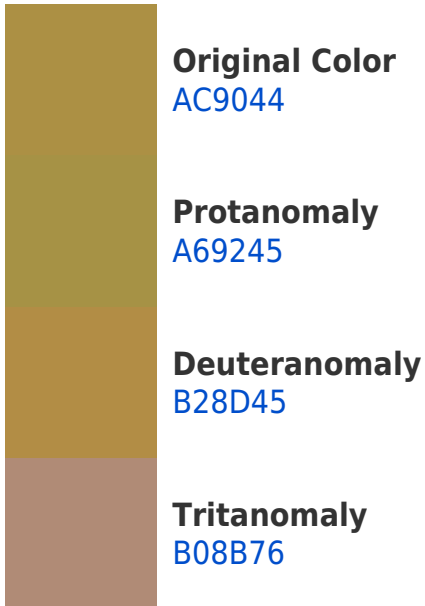
**Protanopia**  
A39345

**Deuteranopia**  
B68C45

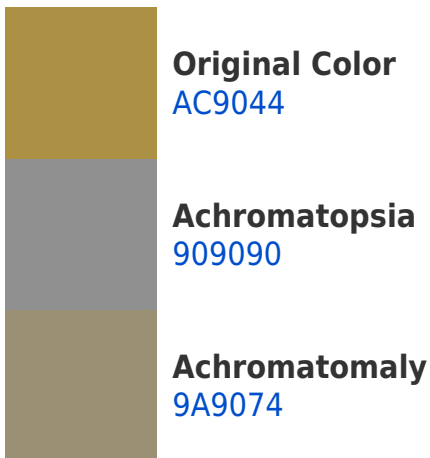


**Tritanopia**  
B38892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC9044 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 #AC9044 looks like.

```
.text, #text, p{  
    color:#AC9044  
}
```

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 #AC9044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9044
}
```

## Border

The CSS property to change the border of an element to Hex AC9044 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
#AC9044 }
```

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

```
.border{ border-color:#AC9044 }
```

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

Here you see how a box with a 4 pixel #AC9044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9044; -webkit-box-shadow:4px 4px  
4px 4px #AC9044; box-shadow:4px 4px 4px  
4px #AC9044 }
```

# Background

The CSS property to change the background color of an element to Hex AC9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9044 }
```

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

```
.background{ background-color:#AC9044 }
```

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