

# Converting Colors

Hex(AA8344)

Have a look what the booklet for  
Hex(AA8344) contains.

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**Color**

**Hex(AA8344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA8344
RGB	170, 131, 68
RGB Percent	67%, 51%, 27%
CMY	0.3333, 0.4863, 0.7333
CMYK	0.00, 0.23, 0.60, 0.33
HSL	37°, 43%, 47%
HSV	37°, 60%, 67%
XYZ	25.7373, 25.1960, 8.9757
YIQ	135.4790, 43.4670, -11.3250

# Conversions

## Conversions Part 2

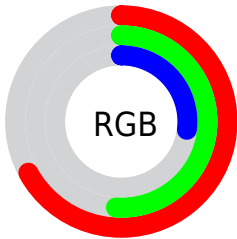
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 170, 68
Decimal	11174724
CIELab	57.27, 7.68, 39.28
CIELCh	57, 40.021, 78.941
Yxy	25.1960, 0.4296, 0.4206
Android (android.graphics.Color)	4289364804 (0xFFAA8344)
YUV	135.4790, -33.2671, 30.2749
Hunter-Lab	50.1956, 3.6816, 24.5351

# Details

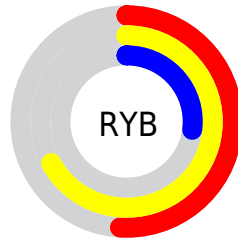
The Hex color **AA8344** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **446BAA**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E4B876**, and **735214** is the 20% darker color. If you saturate the color by 10%, you get **AA7C33**, and if you desaturate by 10%, it is **AA8955**.

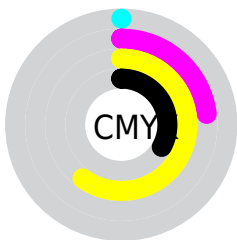
# Distribution



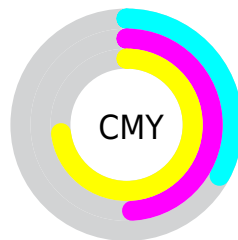
- Red (67%)
- Green (51%)
- Blue (27%)



- Red (51%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA8344 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 AA8344 by changing the saturation by 10% instead.





AA8344



AA8344

FFFFFF



8E6A2C



E4B876



735214



FFD390



583B00



FFF0AB



3E2500



FFFFC7



251100



FFFFE3



000000



AA8344



AA8344



AA7C33



AA8955



AA7622



AA9066

■ AA6F11

■ AA9677

■ AA6900

■ AA9D88

■ AAA399

■ AAAAAA

■ AAB0BB

■ AAB7CC

■ AABDDD

# Harmonies

## Analogous

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



C27656



AA8344



898E45

# Triad

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



AA8344



009B9F



A878B8

# Complementary

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



AA8344



446BAA

# 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.



7885CB



AA8344



0098BD

# Square

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



AA8344



279B7B



2C91CE



C46E98

# Rectangle

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



AA8344



6F9451



2C91CE



9A7CC0



# Sweetspot

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



AA8344



DECFB6



AA446B



706758



F0F0F0



707070



# Same Dimension

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



AA8344



DEA13E



9EAA44



54514C



945B00



140D00



# Inverse Universe

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



446BAA



3E7BDE



5044AA



4C4F54



003994



000814



# Previews

## White Background



This preview shows how the Hex color AA8344 looks on a white background.

## Color Contrast Check

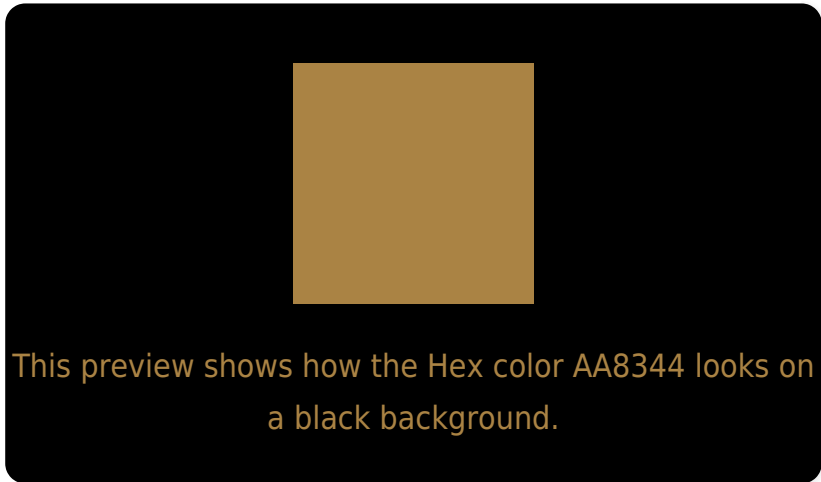
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA8344 Background



This preview shows how black text looks on a background with the Hex color AA8344.



This preview shows how white text looks on a background with the Hex color AA8344.

# 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**  
AA8344

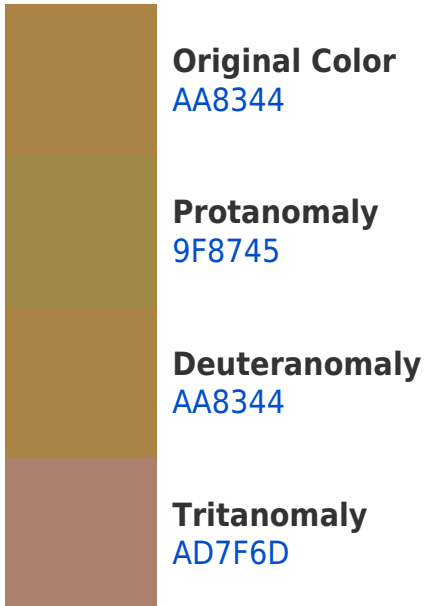
**Protanopia**  
988A46

**Deuteranopia**  
AA8344

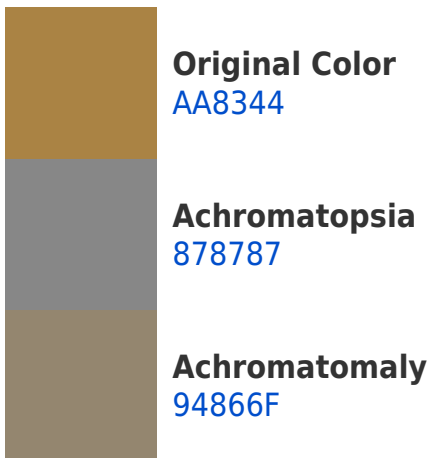


**Tritanopia**  
AF7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA8344 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 #AA8344 looks like.

```
.text, #text, p{  
    color:#AA8344  
}
```

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 #AA8344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8344
}
```

## Border

The CSS property to change the border of an element to Hex AA8344 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
#AA8344 }
```

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

```
.border{ border-color:#AA8344 }
```

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

Here you see how a box with a 4 pixel #AA8344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8344; -webkit-box-shadow:4px 4px  
4px 4px #AA8344; box-shadow:4px 4px 4px  
4px #AA8344 }
```

# Background

The CSS property to change the background color of an element to Hex AA8344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8344 }
```

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

```
.background{ background-color:#AA8344 }
```

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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