

# Converting Colors

Hex(AA9357)

Have a look what the booklet for  
Hex(AA9357) contains.

<b>Hex(AA9357)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(AA9357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA9357
RGB	170, 147, 87
RGB Percent	67%, 58%, 34%
CMY	0.3333, 0.4235, 0.6588
CMYK	0.00, 0.14, 0.49, 0.33
HSL	43°, 33%, 50%
HSV	43°, 49%, 67%
XYZ	28.7316, 30.1016, 13.3127
YIQ	147.0370, 32.9680, -13.7840

# Conversions

## Conversions Part 2

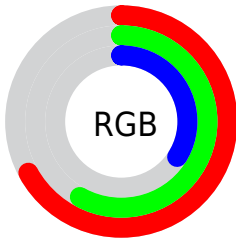
Format	Color
<a href="#">RYB</a>	<a href="#">119, 170, 87</a>
Decimal	<a href="#">11178839</a>
CIELab	<a href="#">61.74, 0.47, 34.77</a>
CIElCh	<a href="#">62, 34.775, 89.223</a>
Yxy	<a href="#">30.1016, 0.3982, 0.4172</a>
Android (android.graphics.Color)	<a href="#">4289368919</a> ( <a href="#">0xFFAA9357</a> )
YUV	<a href="#">147.0370, -29.5982, 20.1386</a>
Hunter-Lab	<a href="#">54.8649, -2.5370, 24.0190</a>

# Details

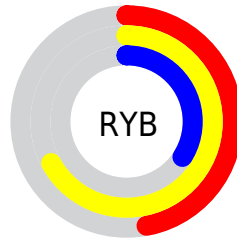
The Hex color **AA9357** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **576EAA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E3C98A**, and **746127** is the 20% darker color. If you saturate the color by 10%, you get **AA8E46**, and if you desaturate by 10%, it is **AA9868**.

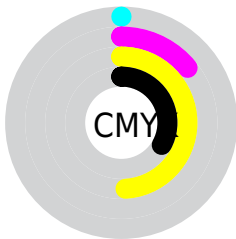
# Distribution



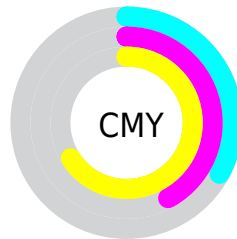
- Red (67%)
- Green (58%)
- Blue (34%)



- Red (47%)
- Yellow (67%)
- Blue (34%)



- Cyan (0%)
- Magenta (14%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA9357 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 AA9357 by changing the saturation by 10% instead.



■ AA9357

■ AA9357

FFFFFF

■ 8F793F

■ E3C98A

■ 746127

■ FFE5A5

■ 5A490F

■ FFFFC0

■ 413300

■ FFFFDC

■ 281E00

■ FFFFF9

■ 0B0600

■ 000000

■ AA9357

■ AA9357

■ AA8E46

■ AA9868

■ AA8A35

■ AA9C79

■ AA8524

■ AAA18A

■ AA8013

■ AAA69B

■ AA7B02

■ AAABAC

■ AA7B00

■ AAAFBD

■ AAB4CE

■ AAB9DF

■ AABDF0

# Harmonies

## Analogous

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



C38861



AA9357



8A9C5E

# Triad

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



AA9357



03A5B2



BB83B5

# Complementary

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



AA9357



576EAA

# 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.



978DCB



AA9357



2CA1C9

# Square

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



AA9357



3BA593



6698D2



CE7D97

# Rectangle

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



AA9357



72A16C



6698D2



B186BE



# Sweetspot

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



AA9357



DED5BD



AA576F



706B5C



F0F0F0



707070



# Same Dimension

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



AA9357



DEBA5B



98AA57



54524C



946B00



140F00



# Inverse Universe

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



576EAA



5B7FDE



6957AA



4C4E54



002994



000614



# Previews

## White Background



This preview shows how the Hex color AA9357 looks on a white background.

## Color Contrast Check

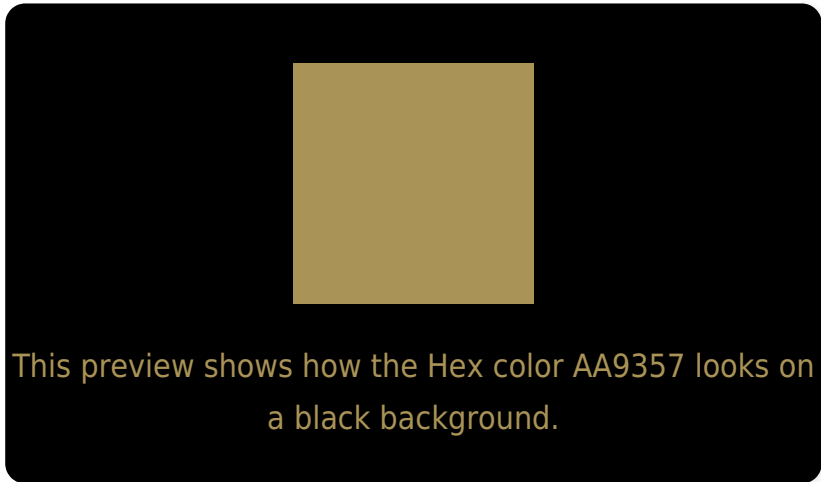
Large Text (above 18pt) WCAG AA × Fail

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

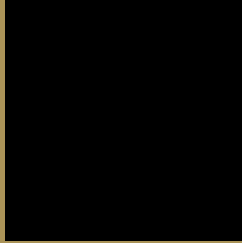
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AA9357 Background



This preview shows how black text looks on a background with the Hex color AA9357.



This preview shows how white text looks on a background with the Hex color AA9357.

# 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**  
AA9357

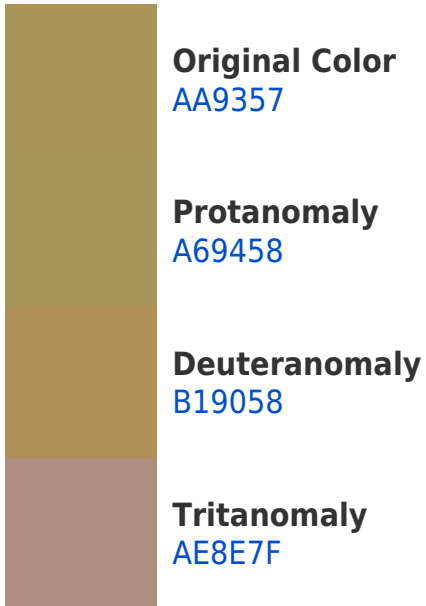
**Protanopia**  
A39558

**Deuteranopia**  
B58E58

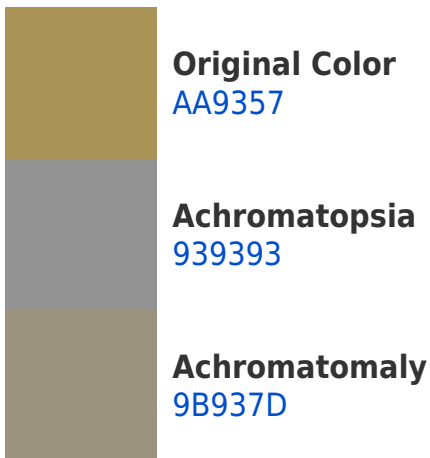


**Tritanopia**  
B08B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA9357 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 #AA9357 looks like.

```
.text, #text, p{  
    color:#AA9357  
}
```

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 #AA9357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9357
}
```

## Border

The CSS property to change the border of an element to Hex AA9357 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
#AA9357 }
```

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

```
.border{ border-color:#AA9357 }
```

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

Here you see how a box with a 4 pixel #AA9357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9357; -webkit-box-shadow:4px 4px  
4px 4px #AA9357; box-shadow:4px 4px 4px  
4px #AA9357 }
```

# Background

The CSS property to change the background color of an element to Hex AA9357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9357 }
```

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

```
.background{ background-color:#AA9357 }
```

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