

# Converting Colors

Hex(A98434)

Have a look what the booklet for  
Hex(A98434) contains.

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**Color**

**Hex(A98434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A98434
RGB	169, 132, 52
RGB Percent	66%, 52%, 20%
CMY	0.3373, 0.4824, 0.7961
CMYK	0.00, 0.22, 0.69, 0.34
HSL	41°, 53%, 43%
HSV	41°, 69%, 66%
XYZ	25.2333, 25.1855, 6.7802
YIQ	133.9430, 47.7320, -17.0360

# Conversions

## Conversions Part 2

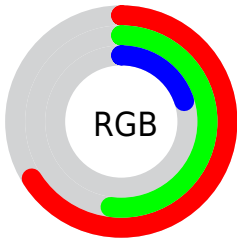
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 169, 52
Decimal	11109428
CIELab	57.26, 5.60, 47.03
CIELCh	57, 47.362, 83.215
Yxy	25.1855, 0.4411, 0.4403
Android (android.graphics.Color)	4289299508 (0xFFA98434)
YUV	133.9430, -40.3979, 30.7450
Hunter-Lab	50.1851, 1.9265, 27.1193

# Details

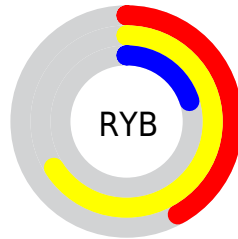
The Hex color **A98434** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3459A9**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E3B967**, and **715300** is the 20% darker color. If you saturate the color by 10%, you get **A97F23**, and if you desaturate by 10%, it is **A98945**.

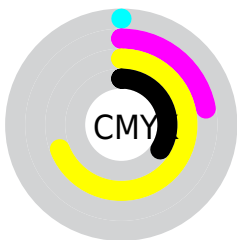
# Distribution



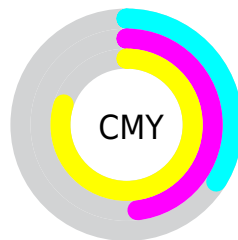
- Red (66%)
- Green (52%)
- Blue (20%)



- Red (42%)
- Yellow (66%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (69%)
- Black (34%)



- Cyan (34%)
- Magenta (48%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98434 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 A98434 by changing the saturation by 10% instead.



 A98434

 A98434

FFFFFF

 8D6B1A

 E3B967

 715300

 FFD481

 573C00

 FFF19B

 3C2700

 FFFFB7

 231300

 FFFFD3

 000000

 FFFFF0

 A98434

 A98434

 A97F23

 A98945

 A97912

 A98F56

 A97401

 A99467

 A97400

 A99978

 A99F88

 A9A499

 A9A9AA

 A9AFBB

 A9B4CC

# Harmonies

## Analogous

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



C77448



A98434



819139

# Triad

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



A98434



009EA9



B372BB

# Complementary

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



A98434



3459A9

# 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.



7C82D6



A98434



009ACB

# Square

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



A98434



009D7E



0091DB



D06695

# Rectangle

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



A98434



61974B



0091DB



A477C6



# Sweetspot

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



A98434



DBCDA4



A93459



6E6552



EDEDED



6E6E6E



# Same Dimension

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



A98434



DBA225



94A934



54514C



946500



140E00



# Inverse Universe

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



3459A9



255FDB



4934A9



4C4E54



002F94



000614



# Previews

## White Background



This preview shows how the Hex color A98434 looks on a white background.

## Color Contrast Check

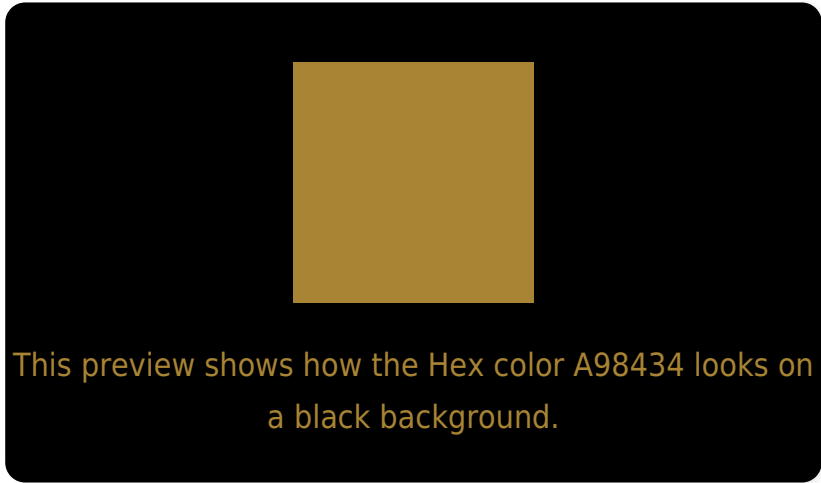
Large Text (above 18pt) WCAG AA ✓ Pass

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 A98434 Background



This preview shows how black text looks on a background with the Hex color A98434.



This preview shows how white text looks on a background with the Hex color A98434.

# 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**

A98434

**Protanopia**

9A8A36

**Deuteranopia**

AC8334

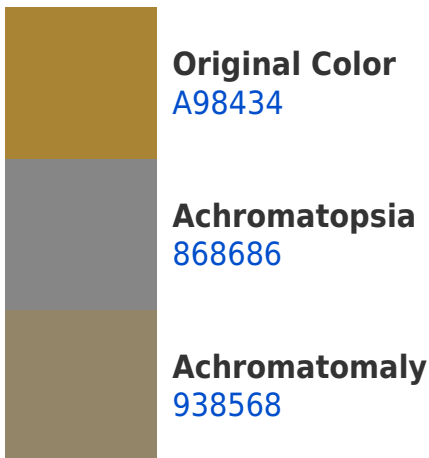


**Tritanopia**  
AF7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98434 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 #A98434 looks like.

```
.text, #text, p{  
    color:#A98434  
}
```

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 #A98434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98434
}
```

## Border

The CSS property to change the border of an element to Hex A98434 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
#A98434 }
```

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

```
.border{ border-color:#A98434 }
```

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

Here you see how a box with a 4 pixel #A98434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98434; -webkit-box-shadow:4px 4px  
4px 4px #A98434; box-shadow:4px 4px 4px  
4px #A98434 }
```

# Background

The CSS property to change the background color of an element to Hex A98434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98434 }
```

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

```
.background{ background-color:#A98434 }
```

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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