

# Converting Colors

Hex(A98413)

Have a look what the booklet for  
Hex(A98413) contains.

<b>Hex(A98413)</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(A98413)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A98413
RGB	169, 132, 19
RGB Percent	66%, 52%, 7%
CMY	0.3373, 0.4824, 0.9255
CMYK	0.00, 0.22, 0.89, 0.34
HSL	45°, 80%, 37%
HSV	45°, 89%, 66%
XYZ	24.7310, 24.9846, 4.1351
YIQ	130.1810, 58.3250, -27.2990

# Conversions

## Conversions Part 2

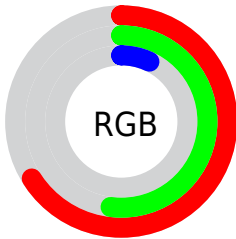
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 169, 19
Decimal	11109395
CIELab	57.06, 4.29, 58.74
CIELCh	57, 58.896, 85.822
Yxy	24.9846, 0.4593, 0.4640
Android (android.graphics.Color)	4289299475 (0xFFA98413)
YUV	130.1810, -54.8122, 34.0443
Hunter-Lab	49.9846, 0.8439, 30.0842

# Details

The Hex color **A98413** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1338A9**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E4B94D**, and **705300** is the 20% darker color. If you saturate the color by 10%, you get **A98002**, and if you desaturate by 10%, it is **A98824**.

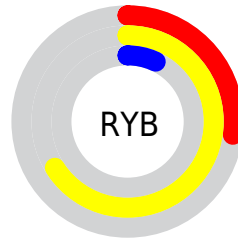
# Distribution



Red (66%)

Green (52%)

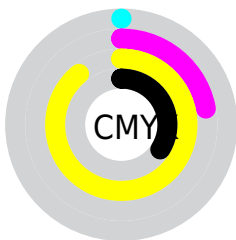
Blue (7%)



Red (27%)

Yellow (66%)

Blue (7%)

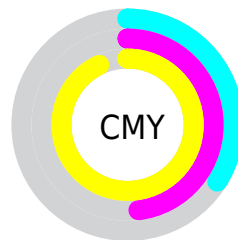


Cyan (0%)

Magenta (22%)

Yellow (89%)

Black (34%)



Cyan (34%)

Magenta (48%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98413 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 A98413 by changing the saturation by 10% instead.



 A98413

 A98413

FFFFFF

 8C6B00

 E4B94D

 705300

 FFD468

 553C00

 FFF182

 3A2700

 FFFF9E

 211300

 FFFFBA

 000000

 FFFF66

 FFFFF3

 A98413

 A98413

■ A98002

■ A98824

■ A97F00

■ A98C35

■ A99146

■ A99557

■ A99967

■ A99D78

■ A9A189

■ A9A59A

■ A9AAAB

# Harmonies

## Analogous

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



CF7033



A98413



779321

# Triad

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



A98413



00A1B4



C068C3

# Complementary

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



A98413



1338A9

# 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.



7C7EE6



A98413



009CDD

# Square

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



A98413



00A180



0091F0



E15892

# Rectangle

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



A98413



4D9A3C



0091F0



AE6FD1



# Sweetspot

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



A98413



DBCDA0



A91338



6E654B



EDEDED



6E6E6E



# Same Dimension

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



A98413



DBA500



83A913



54524C



946F00



140F00



# Inverse Universe

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



1338A9



0036DB



3813A9



4C4E54



002494

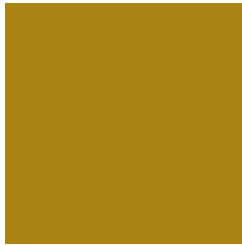


000514



# Previews

## White Background



This preview shows how the Hex color A98413 looks on a white background.

## Color Contrast Check

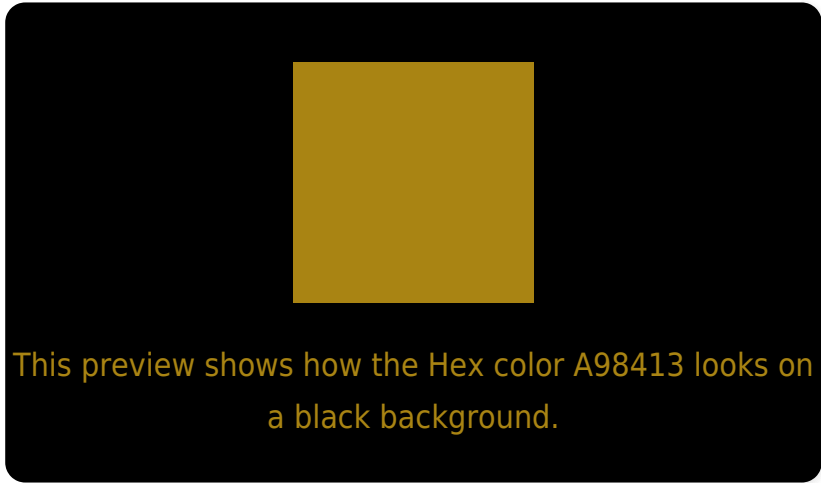
Large Text (above 18pt) WCAG AA ✓ Pass

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 A98413 Background



This preview shows how black text looks on a background with the Hex color A98413.



This preview shows how white text looks on a background with the Hex color A98413.

# 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**  
A98413

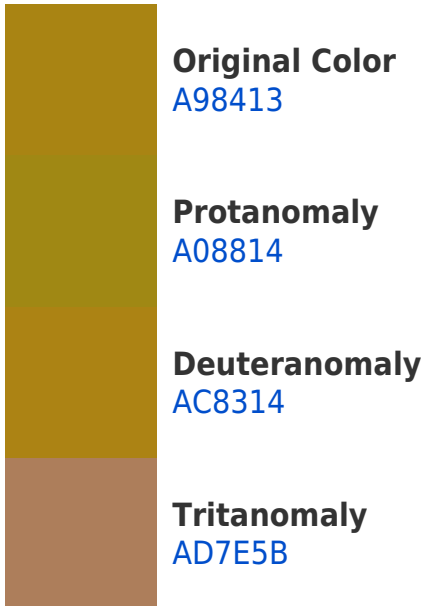
**Protanopia**  
9B8A15

**Deuteranopia**  
AD8215

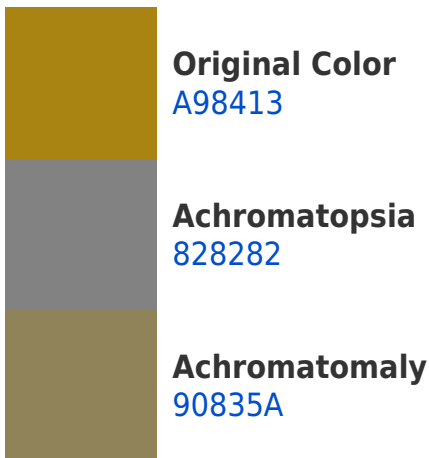


**Tritanopia**  
B07B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98413 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 #A98413 looks like.

```
.text, #text, p{  
    color:#A98413  
}
```

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 #A98413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98413  
}
```

## Border

The CSS property to change the border of an element to Hex A98413 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  
#A98413 }
```

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

```
.border{ border-color:#A98413 }
```

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

Here you see how a box with a 4 pixel #A98413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98413; -webkit-box-shadow:4px 4px  
4px 4px #A98413; box-shadow:4px 4px 4px  
4px #A98413 }
```

# Background

The CSS property to change the background color of an element to Hex A98413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98413 }
```

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

```
.background{ background-color:#A98413 }
```

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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