

# Converting Colors

Hex(A98723)

Have a look what the booklet for  
Hex(A98723) contains.

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**Color**

**Hex(A98723)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A98723
RGB	169, 135, 35
RGB Percent	66%, 53%, 14%
CMY	0.3373, 0.4706, 0.8627
CMYK	0.00, 0.20, 0.79, 0.34
HSL	45°, 66%, 40%
HSV	45°, 79%, 66%
XYZ	25.3295, 25.8843, 5.2513
YIQ	133.7660, 52.3640, -23.8920

# Conversions

## Conversions Part 2

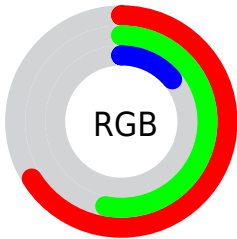
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 169, 35
Decimal	11110179
CIE <sub>Lab</sub>	57.93, 3.11, 54.66
CIE <sub>LCh</sub>	58, 54.749, 86.744
Yxy	25.8843, 0.4486, 0.4584
Android (android.graphics.Color)	4289300259 (0xFFFA98723)
YUV	133.7660, -48.6916, 30.9002
Hunter-Lab	50.8766, -0.1658, 29.4940

# Details

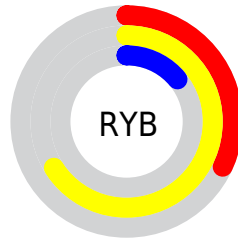
The Hex color **A98723** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2345A9**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E4BC58**, and **715600** is the 20% darker color. If you saturate the color by 10%, you get **A98312**, and if you desaturate by 10%, it is **A98B34**.

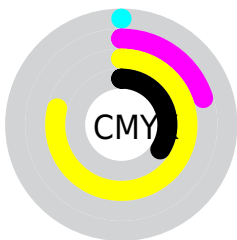
# Distribution



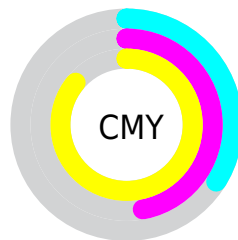
- Red (66%)
- Green (53%)
- Blue (14%)



- Red (32%)
- Yellow (66%)
- Blue (14%)



- Cyan (0%)
- Magenta (20%)
- Yellow (79%)
- Black (34%)



- Cyan (34%)
- Magenta (47%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98723 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 A98723 by changing the saturation by 10% instead.





A98723



A98723

FFFFFF



8C6E00



E4BC58



715600



FFD873



563F00



FFF48D



3B2900



FFFFA9



221500



FFFFC5



000000



FFFFE1

FFFFFFE



A98723



A98723

■ A98312

■ A98B34

■ A97E01

■ A99045

■ A97E00

■ A99456

■ A99867

■ A99C77

■ A9A188

■ A9A599

■ A9A9AA

■ A9AEBB

# Harmonies

## Analogous

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



CD753B



A98723



7A952E

# Triad

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



A98723



00A2B5



C06CC0

# Complementary

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



A98723



2345A9

# 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.



8381E1



A98723



009DDB

# Square

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



A98723



00A284



0092EB



DE5F92

# Rectangle

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



A98723



539B46



0092EB



B073CD



# Sweetspot

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



A98723



DBCEA7



A92347



6E664E



EDEDED



6E6E6E



# Same Dimension

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



A98723



DBA60B



8AA923



54524C



946E00



140F00



# Inverse Universe

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



2345A9



0B40DB



4223A9



4C4E54



002694

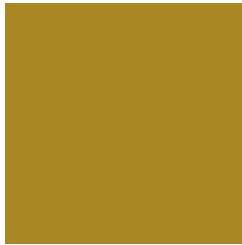


000514



# Previews

## White Background



This preview shows how the Hex color A98723 looks on a white background.

## Color Contrast Check

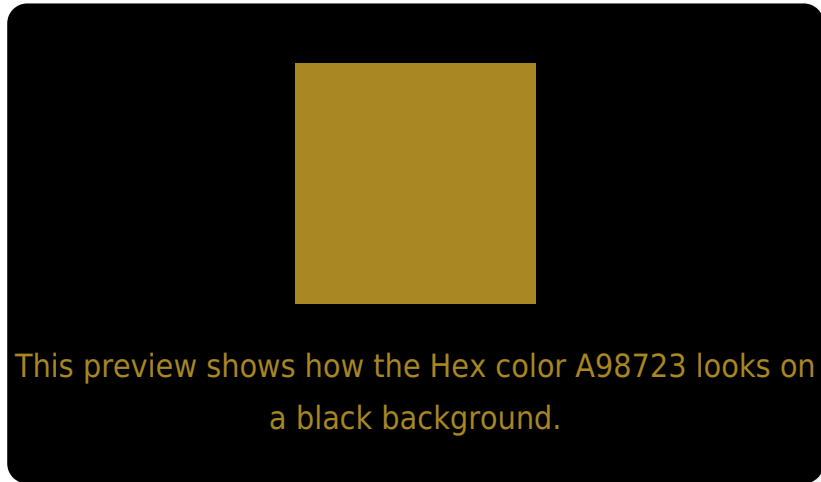
Large Text (above 18pt) WCAG AA ✓ Pass

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 A98723 Background



This preview shows how black text looks on a background with the Hex color A98723.



This preview shows how white text looks on a background with the Hex color A98723.

# 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**  
A98723

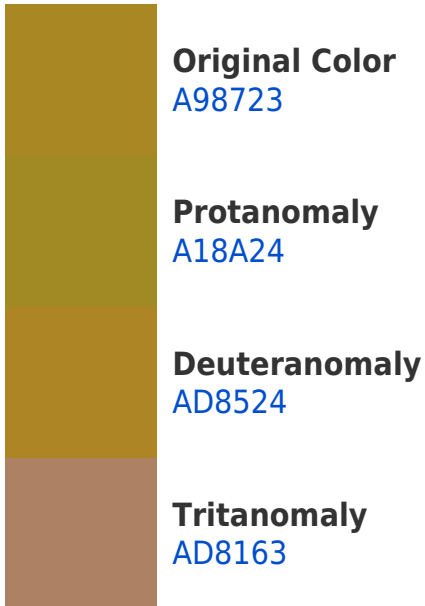
**Protanopia**  
9D8C24

**Deuteranopia**  
AF8424

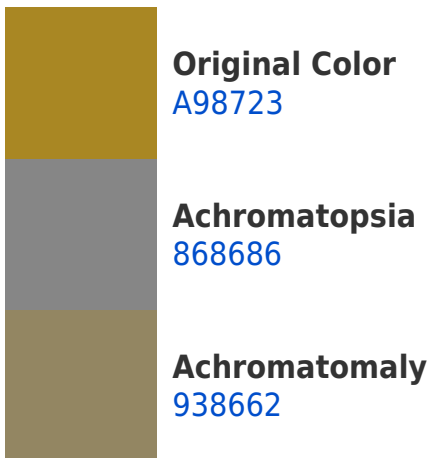


**Tritanopia**  
B07E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98723 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 #A98723 looks like.

```
.text, #text, p{  
    color:#A98723  
}
```

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 #A98723 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98723
}
```

## Border

The CSS property to change the border of an element to Hex A98723 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
#A98723 }
```

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

```
.border{ border-color:#A98723 }
```

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

Here you see how a box with a 4 pixel #A98723 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98723; -webkit-box-shadow:4px 4px  
4px 4px #A98723; box-shadow:4px 4px 4px  
4px #A98723 }
```

# Background

The CSS property to change the background color of an element to Hex A98723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98723 }
```

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

```
.background{ background-color:#A98723 }
```

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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