

# Converting Colors

Hex(A3894B)

Have a look what the booklet for  
Hex(A3894B) contains.

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**Color**

**Hex(A3894B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3894B
RGB	163, 137, 75
RGB Percent	64%, 54%, 29%
CMY	0.3608, 0.4627, 0.7059
CMYK	0.00, 0.16, 0.54, 0.36
HSL	42°, 37%, 47%
HSV	42°, 54%, 64%
XYZ	25.3199, 26.1859, 10.3765
YIQ	137.7060, 35.3980, -13.7700

# Conversions

## Conversions Part 2

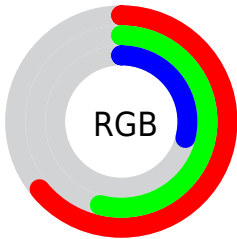
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 163, 75
Decimal	10717515
CIELab	58.21, 1.84, 36.60
CIELCh	58, 36.646, 87.128
Yxy	26.1859, 0.4092, 0.4232
Android (android.graphics.Color)	4288907595 (0xFFA3894B)
YUV	137.7060, -30.9141, 22.1828
Hunter-Lab	51.1721, -1.2295, 23.7979

# Details

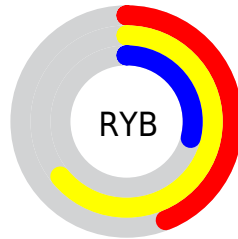
The Hex color **A3894B** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4B65A3**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **DCBE7D**, and **6D571B** is the 20% darker color. If you saturate the color by 10%, you get **A3843B**, and if you desaturate by 10%, it is **A38E5B**.

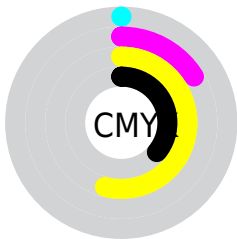
# Distribution



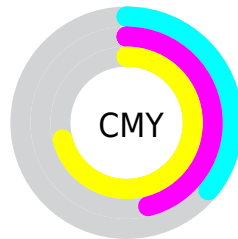
- Red (64%)
- Green (54%)
- Blue (29%)



- Red (44%)
- Yellow (64%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (54%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3894B 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 A3894B by changing the saturation by 10% instead.





A3894B



A3894B

FFFFFF



887033



DCBE7D



6D571B



F9DA98



534002



FFF6B3



3A2A00



FFFFCE



211600



FFFEB



000000



A3894B



A3894B



A3843B



A38E5B



A37F2A



A3936C

 A37B1A

 A3977C

 A3760A

 A39C8C

 A37300

 A3A19C

 A3A6AD

 A3ABBD

 A3B0CD

 A3B4DE

# Harmonies

## Analogous

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



BC7E57



A3894B



839351

# Triad

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



A3894B



009CA8



B179AF

# Complementary

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



A3894B



4B65A3

# 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.



8B85C5



A3894B



0098C1

# Square

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



A3894B



289D88



5490CC



C67290

# Rectangle

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



A3894B



6A985F



5490CC



A67DB8



# Sweetspot

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



A3894B



D4CAB2



A34B65



6B6557



EBEBEB



6B6B6B



# Same Dimension

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



A3894B



D4AB4A



91A34B



524F49



916600



120D00



# Inverse Universe

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



4B65A3



4A73D4



5D4BA3



494C52



002B91



000512



# Previews

## White Background



This preview shows how the Hex color A3894B looks on a white background.

## Color Contrast Check

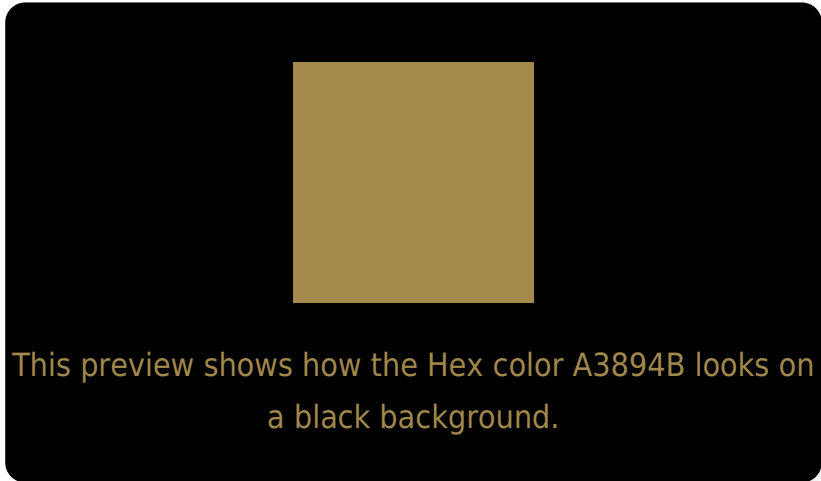
Large Text (above 18pt) WCAG AA ✓ Pass

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

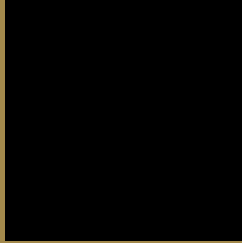
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A3894B Background



This preview shows how black text looks on a background with the Hex color A3894B.



This preview shows how white text looks on a background with the Hex color A3894B.

# 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**  
A3894B

**Protanopia**  
9A8C4C

**Deuteranopia**  
AB864C

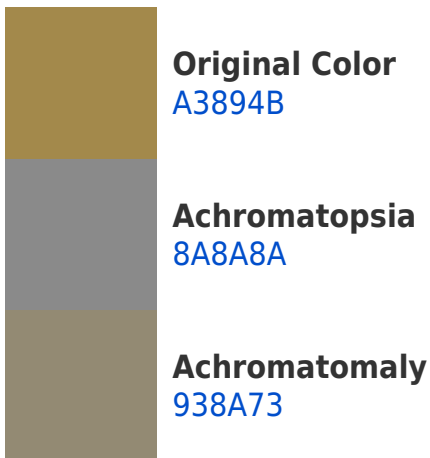


**Tritanopia**  
A9828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3894B 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 #A3894B looks like.

```
.text, #text, p{  
    color:#A3894B  
}
```

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 #A3894B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3894B
}
```

## Border

The CSS property to change the border of an element to Hex A3894B 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
#A3894B }
```

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

```
.border{ border-color:#A3894B }
```

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

Here you see how a box with a 4 pixel #A3894B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3894B; -webkit-box-shadow:4px 4px  
4px 4px #A3894B; box-shadow:4px 4px 4px  
4px #A3894B }
```

# Background

The CSS property to change the background color of an element to Hex A3894B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3894B }
```

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

```
.background{ background-color:#A3894B }
```

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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