

# Converting Colors

Hex(A09839)

Have a look what the booklet for  
Hex(A09839) contains.

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**Color**

**Hex(A09839)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A09839
RGB	160, 152, 57
RGB Percent	63%, 60%, 22%
CMY	0.3725, 0.4039, 0.7765
CMYK	0.00, 0.05, 0.64, 0.37
HSL	55°, 47%, 43%
HSV	55°, 64%, 63%
XYZ	26.4640, 30.2255, 8.3102
YIQ	143.5620, 35.2630, -27.8490

# Conversions

## Conversions Part 2

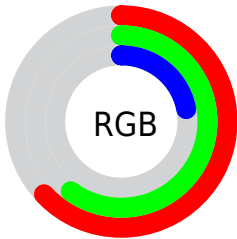
Format	Color
<a href="#">RYB</a>	<a href="#">66, 160, 57</a>
Decimal	<a href="#">10524729</a>
CIELab	<a href="#">61.85, -9.06, 49.39</a>
CIELCh	<a href="#">62, 50.209, 100.394</a>
Yxy	<a href="#">30.2255, 0.4071, 0.4650</a>
Android (android.graphics.Color)	<a href="#">4288714809 (0xFFA09839)</a>
YUV	<a href="#">143.5620, -42.6751, 14.4161</a>
Hunter-Lab	<a href="#">54.9777, -10.2885, 29.5224</a>

# Details

The Hex color **A09839** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3941A0**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D9CE6D**, and **696500** is the 20% darker color. If you saturate the color by 10%, you get **A09729**, and if you desaturate by 10%, it is **A09949**.

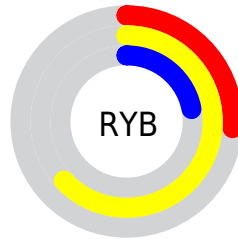
# Distribution



Red (63%)

Green (60%)

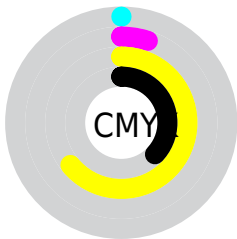
Blue (22%)



Red (26%)

Yellow (63%)

Blue (22%)

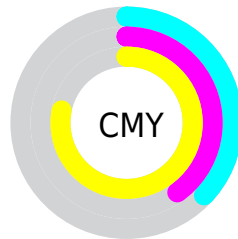


Cyan (0%)

Magenta (5%)

Yellow (64%)

Black (37%)



Cyan (37%)

Magenta (40%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A09839 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 A09839 by changing the saturation by 10% instead.





A09839



A09839

FFFFFF



847E1E



D9CE6D



696500



F6EA87



4F4E00



FFFFA2



363700



FFFFBE



1D2200



FFFFDA



000C00



FFFFF7



000000



A09839



A09839



A09729



A09949

 A09619

 A09A59

 A09409

 A09C69

 A09400

 A09D79

 A09E89

 A09F99

 A0A1A9

 A0A2B9

 A0A3C9

# Harmonies

## Analogous

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



C78940



A09839



70A34F

# Triad

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



A09839



00AACE



D873B4

# Complementary

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



A09839



3941A0

# 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.



AD83D9



A09839



00A2E9

# Square

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



A09839



00ACA4



6395ED



E86F88

# Rectangle

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



A09839



45A868



6395ED



CC78C2



# Sweetspot

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



A09839



D1CEA9



A03942



696751



E8E8E8



696969



# Same Dimension

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



A09839



D1C530



75A039



4F4E47



8F8400



0F0E00



# Inverse Universe

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



3941A0



303DD1



6439A0



47484F



000B8F



00010F



# Previews

## White Background



This preview shows how the Hex color A09839 looks on a white background.

## Color Contrast Check

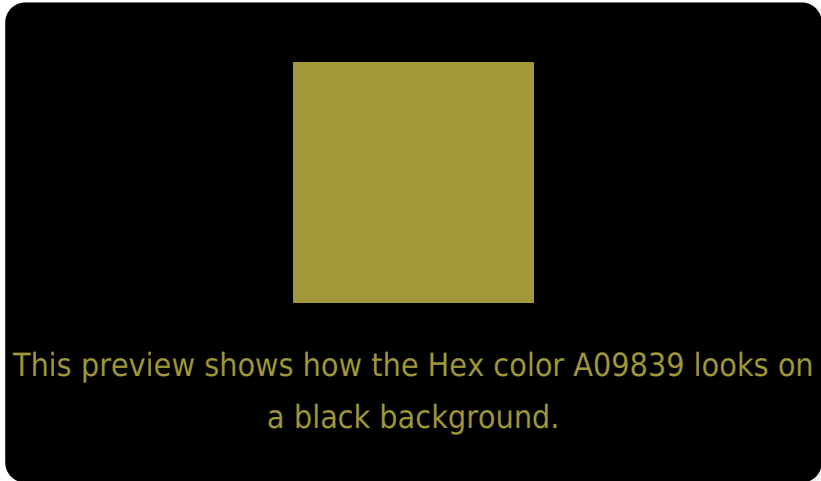
Large Text (above 18pt) WCAG AA × Fail

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 A09839 Background



This preview shows how black text looks on a background with the Hex color A09839.



This preview shows how white text looks on a background with the Hex color A09839.

# 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**

A09839

**Protanopia**

A79638

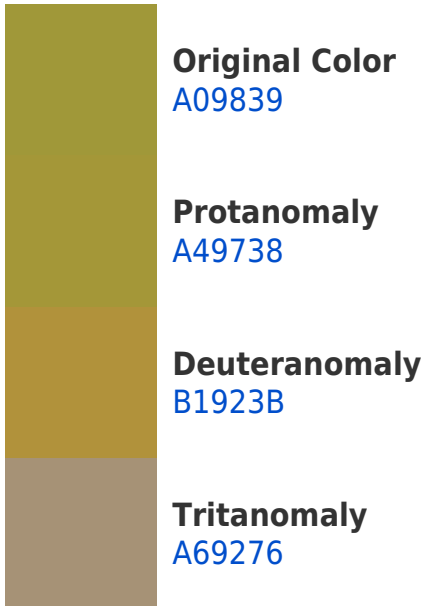
**Deuteranopia**

BA8E3C



**Tritanopia**  
A98E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A09839 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 #A09839 looks like.

```
.text, #text, p{  
    color:#A09839  
}
```

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 #A09839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A09839
}
```

## Border

The CSS property to change the border of an element to Hex A09839 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
#A09839 }
```

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

```
.border{ border-color:#A09839 }
```

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

Here you see how a box with a 4 pixel #A09839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A09839; -webkit-box-shadow:4px 4px  
4px 4px #A09839; box-shadow:4px 4px 4px  
4px #A09839 }
```

# Background

The CSS property to change the background color of an element to Hex A09839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A09839 }
```

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

```
.background{ background-color:#A09839 }
```

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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