

# Converting Colors

Hex(A09966)

Have a look what the booklet for  
Hex(A09966) contains.

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**Color**

**Hex(A09966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A09966
RGB	160, 153, 102
RGB Percent	63%, 60%, 40%
CMY	0.3725, 0.4000, 0.6000
CMYK	0.00, 0.04, 0.36, 0.37
HSL	53°, 23%, 51%
HSV	53°, 36%, 63%
XYZ	28.2867, 31.2154, 17.1047
YIQ	149.2790, 20.5430, -14.3770

# Conversions

## Conversions Part 2

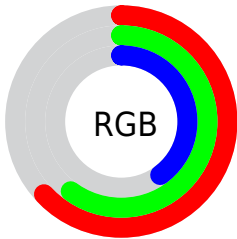
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 160, 102
Decimal	10525030
CIELab	62.69, -5.35, 27.76
CIELCh	63, 28.267, 100.915
Yxy	31.2154, 0.3692, 0.4075
Android (android.graphics.Color)	4288715110 (0xFFA09966)
YUV	149.2790, -23.3085, 9.4023
Hunter-Lab	55.8707, -7.4012, 20.9580

# Details

The Hex color **A09966** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **666DA0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D8CF9A**, and **6B6636** is the 20% darker color. If you saturate the color by 10%, you get **A09756**, and if you desaturate by 10%, it is **A09B76**.

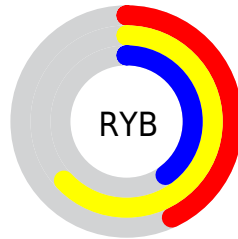
# Distribution



Red (63%)

Green (60%)

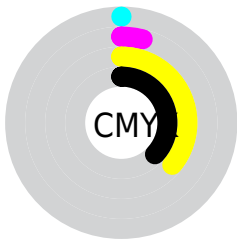
Blue (40%)



Red (43%)

Yellow (63%)

Blue (40%)

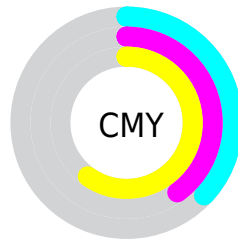


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (37%)



Cyan (37%)

Magenta (40%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A09966 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 A09966 by changing the saturation by 10% instead.





A09966



A09966

FFFFFF



857F4E



D8CF9A



6B6636



F4EBB5



524E1F



FFFFD0



3A3809



FFFFED



242200



010D00



000000



A09966



A09966



A09756



A09B76

 A09546

 A09D86

 A09336

 A09F96

 A09126

 A0A1A6

 A08F16

 A0A3B6

 A08D06

 A0A5C6

 A08D00

 A0A7D6

 A0A8E6

 A0AAF6

# Harmonies

## Analogous

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



B79169



A09966



84A071

# Triad

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



A09966



47A4B8



BF87A9

# Complementary

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



A09966



666DA0

# 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.



A78EBE



A09966



5F9FC6

# Square

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



A09966



4DA6A0



8497C9



C9858F

# Rectangle

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



A09966



70A37E



8497C9



B889B0



# Sweetspot

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



A09966



D1CEBA



A0666E



69675B



E8E8E8



696969



# Same Dimension

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



A09966



D1C675



8BA066



4F4E47



8F7E00



0F0D00



# Inverse Universe

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



666DA0



7580D1



7B66A0



47484F



00118F



00020F



# Previews

## White Background



This preview shows how the Hex color A09966 looks on a white background.

## Color Contrast Check

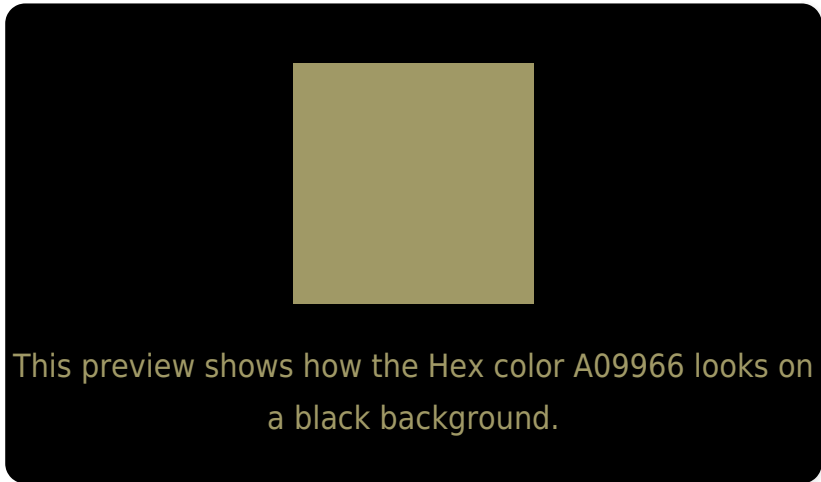
Large Text (above 18pt) WCAG AA × Fail

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 A09966 Background



This preview shows how black text looks on a background with the Hex color A09966.



This preview shows how white text looks on a background with the Hex color A09966.

# 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**  
A09966

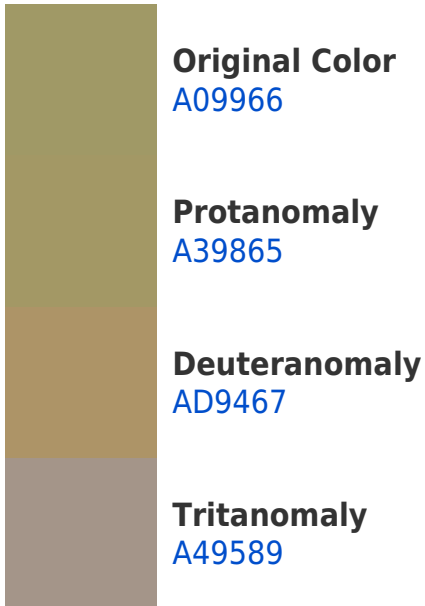
**Protanopia**  
A49865

**Deuteranopia**  
B59168

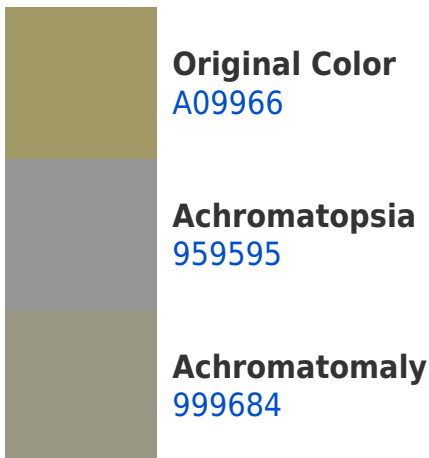


**Tritanopia**  
A6929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A09966 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 #A09966 looks like.

```
.text, #text, p{  
    color:#A09966  
}
```

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 #A09966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A09966
}
```

## Border

The CSS property to change the border of an element to Hex A09966 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
#A09966 }
```

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

```
.border{ border-color:#A09966 }
```

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

Here you see how a box with a 4 pixel #A09966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A09966; -webkit-box-shadow:4px 4px  
4px 4px #A09966; box-shadow:4px 4px 4px  
4px #A09966 }
```

# Background

The CSS property to change the background color of an element to Hex A09966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A09966 }
```

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

```
.background{ background-color:#A09966 }
```

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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