

# Converting Colors

Hex(A99B30)

Have a look what the booklet for  
Hex(A99B30) contains.

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**Color**

**Hex(A99B30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A99B30
RGB	169, 155, 48
RGB Percent	66%, 61%, 19%
CMY	0.3373, 0.3922, 0.8118
CMYK	0.00, 0.08, 0.72, 0.34
HSL	53°, 56%, 43%
HSV	53°, 72%, 66%
XYZ	28.6170, 32.0911, 7.4822
YIQ	146.9880, 42.6910, -30.3090

# Conversions

## Conversions Part 2

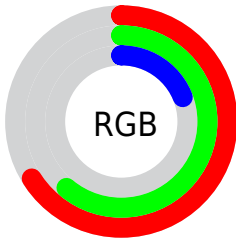
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 169, 48
Decimal	11115312
CIELab	63.42, -7.20, 55.01
CIELCh	63, 55.478, 97.458
Yxy	32.0911, 0.4197, 0.4706
Android (android.graphics.Color)	4289305392 (0xFFA99B30)
YUV	146.9880, -48.8011, 19.3045
Hunter-Lab	56.6490, -8.9640, 31.8233

# Details

The Hex color **A99B30** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **303EA9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E3D165**, and **716800** is the 20% darker color. If you saturate the color by 10%, you get **A9991F**, and if you desaturate by 10%, it is **A99D41**.

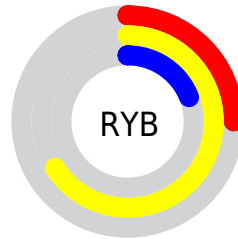
# Distribution



Red (66%)

Green (61%)

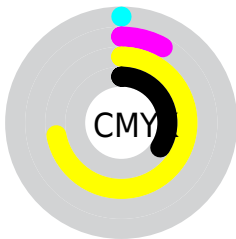
Blue (19%)



Red (25%)

Yellow (66%)

Blue (19%)

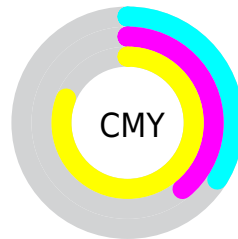


Cyan (0%)

Magenta (8%)

Yellow (72%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A99B30 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 A99B30 by changing the saturation by 10% instead.



 A99B30

 A99B30

FFFFFF

 8D8111

 E3D165

 716800

 FFED80

 575000

 FFFF9B

 3C3A00

 FFFFB7

 232400

 FFFFD3

 001000

 FFFFF0

 000000

 A99B30

 A99B30

 A9991F

 A99D41

 A9970E

 A99F52

 A99500

 A9A163

 A9A374

 A9A584

 A9A795

 A9A9A6

 A9ABB7

 A9ADC8

# Harmonies

## Analogous

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



D3893C



A99B30



75A847

# Triad

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



A99B30



00B0D4



DF74C0

# Complementary

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



A99B30



303EA9

# 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.



AC87E8



A99B30



00A9F4

# Square

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



A99B30



00B2A5



4F9BFC



F46D8F

# Rectangle

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



A99B30



45AD62



4F9BFC



D27ACF



# Sweetspot

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



A99B30



DBD6AD



A9303E



6E6A52



EDEDED



6E6E6E



# Same Dimension

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



A99B30



DBC51F



7BA930



54534C



948300



141200



# Inverse Universe

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



303EA9



1F35DB



5E30A9



4C4D54



001194



000214



# Previews

## White Background



This preview shows how the Hex color A99B30 looks on a white background.

## Color Contrast Check

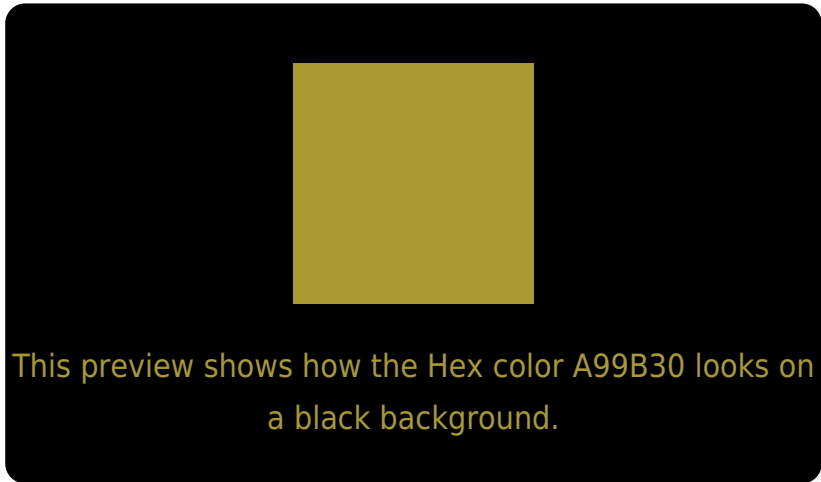
Large Text (above 18pt) WCAG AA × Fail

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 A99B30 Background



This preview shows how black text looks on a background with the Hex color A99B30.



This preview shows how white text looks on a background with the Hex color A99B30.

# 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**  
A99B30

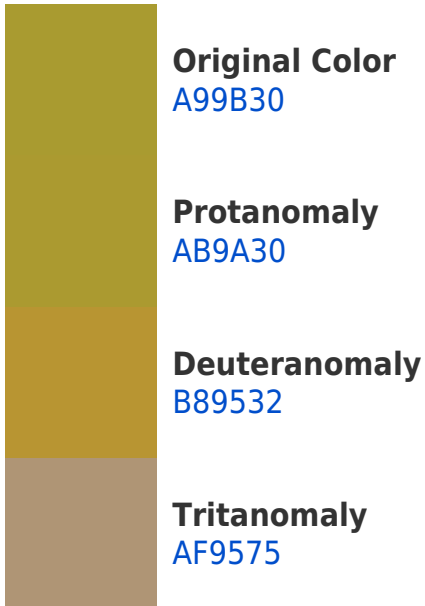
**Protanopia**  
AC9A30

**Deuteranopia**  
C09233

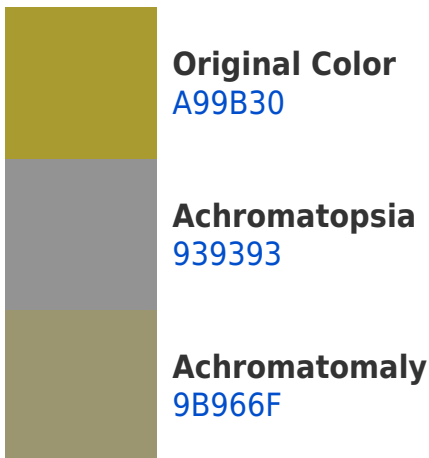


**Tritanopia**  
B2919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A99B30 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 #A99B30 looks like.

```
.text, #text, p{  
    color:#A99B30  
}
```

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 #A99B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A99B30
}
```

## Border

The CSS property to change the border of an element to Hex A99B30 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
#A99B30 }
```

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

```
.border{ border-color:#A99B30 }
```

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

Here you see how a box with a 4 pixel #A99B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A99B30; -webkit-box-shadow:4px 4px  
4px 4px #A99B30; box-shadow:4px 4px 4px  
4px #A99B30 }
```

# Background

The CSS property to change the background color of an element to Hex A99B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A99B30 }
```

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

```
.background{ background-color:#A99B30 }
```

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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