

# Converting Colors

Hex(99AD12)

Have a look what the booklet for  
Hex(99AD12) contains.

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**Color**

**Hex(99AD12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99AD12
RGB	153, 173, 18
RGB Percent	60%, 68%, 7%
CMY	0.4000, 0.3216, 0.9294
CMYK	0.12, 0.00, 0.90, 0.32
HSL	68°, 81%, 37%
HSV	68°, 90%, 68%
XYZ	28.1896, 36.7031, 6.1709
YIQ	149.3500, 37.8350, -52.4450

# Conversions

## Conversions Part 2

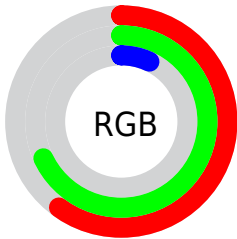
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 173, 38
Decimal	10071314
CIELab	67.05, -24.55, 66.37
CIELCh	67, 70.767, 110.297
Yxy	36.7031, 0.3967, 0.5165
Android (android.graphics.Color)	4288261394 (0xFF99AD12)
YUV	149.3500, -64.7555, 3.2011
Hunter-Lab	60.5831, -22.9635, 36.3690

# Details

The Hex color **99AD12** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2612AD**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D3E453**, and **617900** is the 20% darker color. If you saturate the color by 10%, you get **97AD01**, and if you desaturate by 10%, it is **9BAD23**.

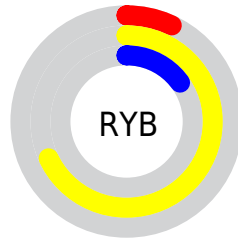
# Distribution



Red (60%)

Green (68%)

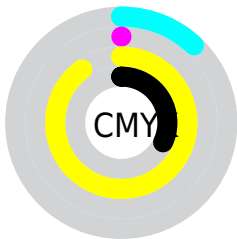
Blue (7%)



Red (7%)

Yellow (68%)

Blue (15%)

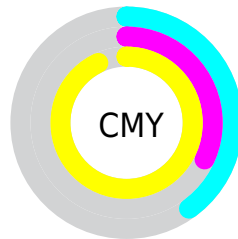


Cyan (12%)

Magenta (0%)

Yellow (90%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99AD12 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 99AD12 by changing the saturation by 10% instead.





99AD12



99AD12

FFFFFF



7D9200



D3E453



617900



F0FF6F



476000



FFFF8B



2B4800



FFFFA7



0F3200



FFFFC3



001E00



FFFFE0



000000

FFFFFFE



99AD12



99AD12

■ 97AD01

■ 9BAD23

■ 97AD00

■ 9DAD35

■ A0AD46

■ A2AD57

■ A4AD69

■ A6AD7A

■ A9AD8B

■ ABAD9C

■ ADADAE

# Harmonies

## Analogous

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



D4990C



99AD12



46B94C

# Triad

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



99AD12



00BDFE



FF66BB

# Complementary

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



99AD12



2612AD

# 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.



DB7EF5



99AD12



00B1FF

# Square

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



99AD12



00C1CE



799BFF



FF677B

# Rectangle

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



99AD12



00BE76



799BFF



FF6CD0



# Sweetspot

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



99AD12



D9E0A4



AD2412



6C704C



F0F0F0



707070



# Same Dimension

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



99AD12



C3E000



4DAD12



56574E



839600



141700



# Inverse Universe

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



2612AD



1D00E0



7212AD



4F4E57



130096



030017



# Previews

## White Background



This preview shows how the Hex color 99AD12 looks on a white background.

## Color Contrast Check

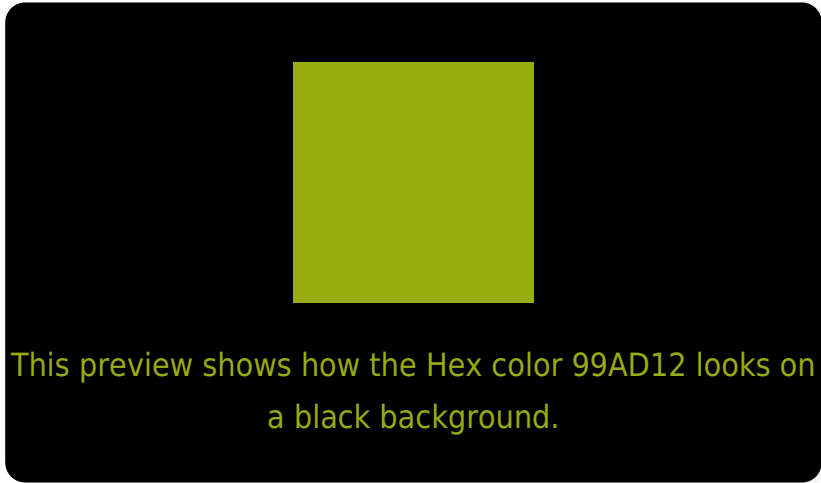
Large Text (above 18pt) WCAG AA × Fail

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 99AD12 Background



This preview shows how black text looks on a background with the Hex color 99AD12.

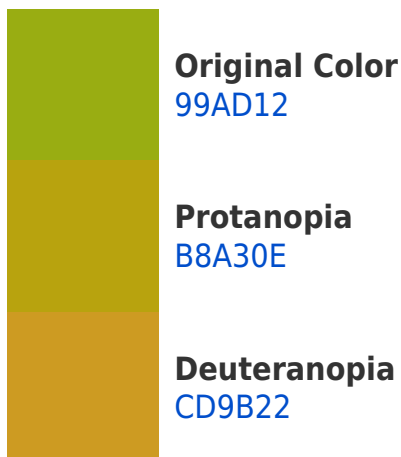


This preview shows how white text looks on a background with the Hex color 99AD12.

# 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](#).

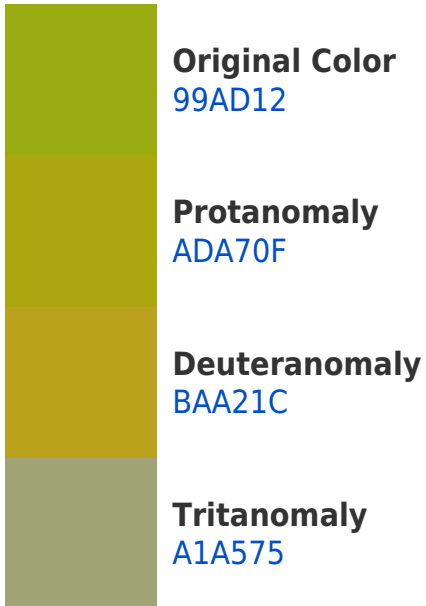
## Dichromacy



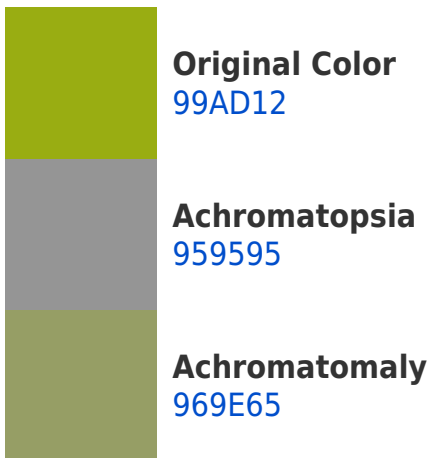


**Tritanopia**  
A6A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99AD12 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 #99AD12 looks like.

```
.text, #text, p{  
    color:#99AD12  
}
```

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 #99AD12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AD12
}
```

## Border

The CSS property to change the border of an element to Hex 99AD12 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
#99AD12 }
```

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

```
.border{ border-color:#99AD12 }
```

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

Here you see how a box with a 4 pixel #99AD12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AD12; -webkit-box-shadow:4px 4px  
4px 4px #99AD12; box-shadow:4px 4px 4px  
4px #99AD12 }
```

# Background

The CSS property to change the background color of an element to Hex 99AD12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AD12 }
```

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

```
.background{ background-color:#99AD12 }
```

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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