

# Converting Colors

Hex(99A523)

Have a look what the booklet for  
Hex(99A523) contains.

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**Color**

**Hex(99A523)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A523
RGB	153, 165, 35
RGB Percent	60%, 65%, 14%
CMY	0.4000, 0.3529, 0.8627
CMYK	0.07, 0.00, 0.79, 0.35
HSL	66°, 65%, 39%
HSV	66°, 79%, 65%
XYZ	26.8954, 33.8039, 6.6974
YIQ	146.5920, 34.5780, -42.9740

# Conversions

## Conversions Part 2

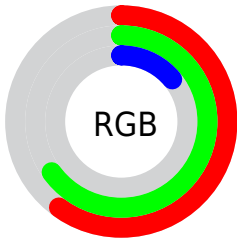
Format	Color
<a href="#">RYB</a>	<a href="#">35, 165, 47</a>
Decimal	<a href="#">10069283</a>
CIELab	<a href="#">64.81, -20.05, 60.37</a>
CIElCh	<a href="#">65, 63.614, 108.368</a>
Yxy	<a href="#">33.8039, 0.3991, 0.5016</a>
Android (android.graphics.Color)	<a href="#">4288259363 (0xFF99A523)</a>
YUV	<a href="#">146.5920, -55.0149, 5.6198</a>
Hunter-Lab	<a href="#">58.1411, -19.1751, 33.8691</a>

# Details

The Hex color **99A523** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2F23A5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D2DC5C**, and **627100** is the 20% darker color. If you saturate the color by 10%, you get **97A513**, and if you desaturate by 10%, it is **9BA534**.

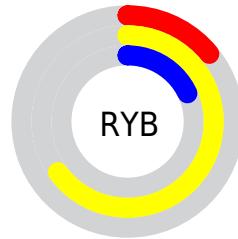
# Distribution



Red (60%)

Green (65%)

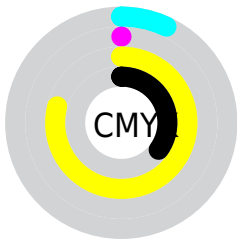
Blue (14%)



Red (14%)

Yellow (65%)

Blue (18%)

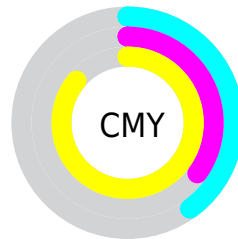


Cyan (7%)

Magenta (0%)

Yellow (79%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99A523 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 99A523 by changing the saturation by 10% instead.





99A523



99A523

FFFFFF



7D8B00



D2DC5C



627100



F0F877



485900



FFFF92



2D4200



FFFFAE



132B00



FFF9CA



001900



FFF7E7



000000



99A523



99A523



97A513



9BA534

 96A502

 9CA544

 96A500

 9EA555

 9FA565

 A1A576

 A2A586

 A4A597

 A5A5A7

 A7A5B8

# Harmonies

## Analogous

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



CD9323



99A523



54B14D

# Triad

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



99A523



00B5F1



F96AB6

# Complementary

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



99A523



2F23A5

# 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.



CC7FE9



99A523



00AAFF

# Square

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



99A523



00B8BF



7397FF



FF697D

# Rectangle

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



99A523



00B571



7397FF



EE6FC8



# Sweetspot

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



99A523



D1D6A3



A52E23



686B4C



EBEBEB



6B6B6B



# Same Dimension

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



99A523



C3D60B



59A523



515249



849100



101200



# Inverse Universe

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



2F23A5



1D0BD6



6F23A5



4A4952



0D0091



020012



# Previews

## White Background



This preview shows how the Hex color 99A523 looks on a white background.

## Color Contrast Check

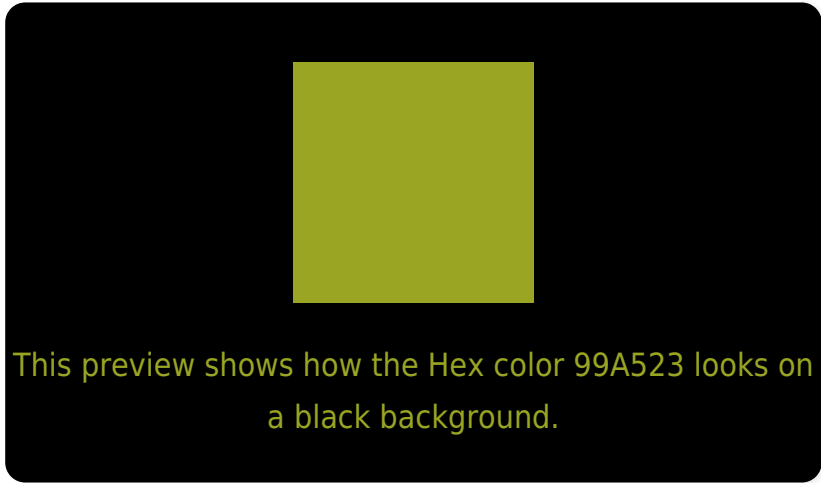
Large Text (above 18pt) WCAG AA × Fail

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 99A523 Background



This preview shows how black text looks on a background with the Hex color 99A523.



This preview shows how white text looks on a background with the Hex color 99A523.

# 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**  
99A523

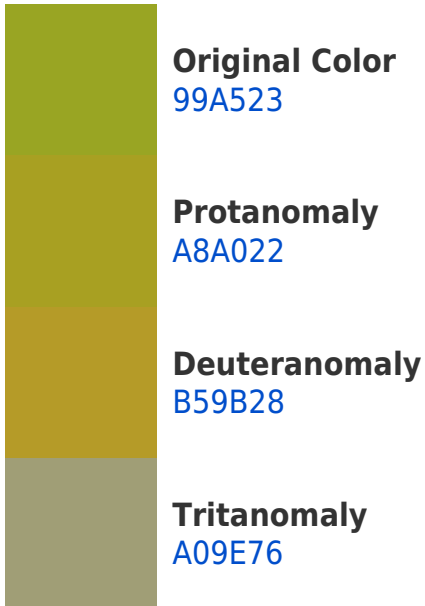
**Protanopia**  
B19D21

**Deuteranopia**  
C5952B

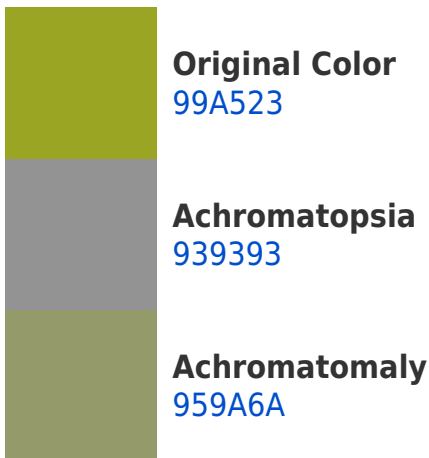


**Tritanopia**  
A49AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99A523 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 #99A523 looks like.

```
.text, #text, p{  
    color:#99A523  
}
```

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 #99A523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A523
}
```

## Border

The CSS property to change the border of an element to Hex 99A523 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
#99A523 }
```

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

```
.border{ border-color:#99A523 }
```

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

Here you see how a box with a 4 pixel #99A523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A523; -webkit-box-shadow:4px 4px  
4px 4px #99A523; box-shadow:4px 4px 4px  
4px #99A523 }
```

# Background

The CSS property to change the background color of an element to Hex 99A523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A523 }
```

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

```
.background{ background-color:#99A523 }
```

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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