

# Converting Colors

Hex(99B509)

Have a look what the booklet for  
Hex(99B509) contains.

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**Color**

**Hex(99B509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B509
RGB	153, 181, 9
RGB Percent	60%, 71%, 4%
CMY	0.4000, 0.2902, 0.9647
CMYK	0.15, 0.00, 0.95, 0.29
HSL	70°, 91%, 37%
HSV	70°, 95%, 71%
XYZ	29.7101, 39.8398, 6.3824
YIQ	153.0200, 38.5240, -59.4280

# Conversions

## Conversions Part 2

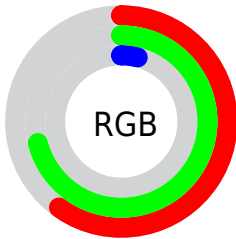
Format	Color
<b>RYB</b>	9, 181, 37
Decimal	10073353
CIELab	69.36, -28.58, 69.47
CIELCh	69, 75.122, 112.360
Yxy	39.8398, 0.3913, 0.5247
Android (android.graphics.Color)	4288263433 (0xFF99B509)
YUV	153.0200, -71.0019, -0.0175
Hunter-Lab	63.1188, -26.4377, 38.1879

# Details

The Hex color **99B509** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **2509B5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D3ED51**, and **618000** is the 20% darker color. If you saturate the color by 10%, you get **98B500**, and if you desaturate by 10%, it is **9CB51B**.

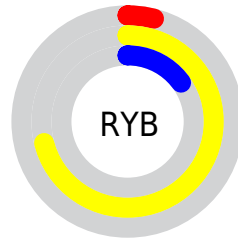
# Distribution



Red (60%)

Green (71%)

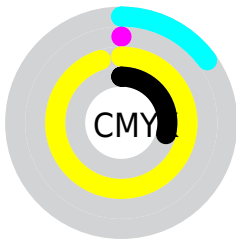
Blue (4%)



Red (4%)

Yellow (71%)

Blue (15%)

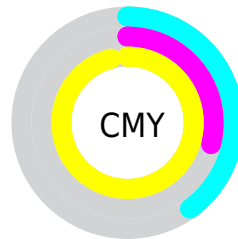


Cyan (15%)

Magenta (0%)

Yellow (95%)

Black (29%)



Cyan (40%)

Magenta (29%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B509 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 99B509 by changing the saturation by 10% instead.





99B509



99B509

FFFFFF



7D9A00



D3ED51



618000



F1FF6E



466700



FFFF8A



2A4F00



FFFFA6



0B3800



FFFFC3



002300



FFFFE0



000000

FFFFFFE



99B509



99B509

 98B500

 9CB51B

 9FB52D

 A2B53F

 A5B551

 A8B564

 ABB576

 AEB588

 B1B59A

 B4B5AC

# Harmonies

## Analogous

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



D9A000



99B509



38C250

# Triad

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



99B509



00C4FF



FF65BE

# Complementary

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



99B509



2509B5

# 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.



EA7FFE



99B509



00B7FF

# Square

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



99B509



00C9DB



859FFF



FF697A

# Rectangle

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



99B509



00C67D



859FFF



FF6CD4



# Sweetspot

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



99B509



E0EBA7



B52309



6F754C



F5F5F5



757575



# Same Dimension

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



99B509



C4EB00



45B509



585950



809900



151A00



# Inverse Universe

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



2509B5



2600EB



7909B5



525059



190099



04001A



# Previews

## White Background



This preview shows how the Hex color 99B509 looks on a white background.

## Color Contrast Check

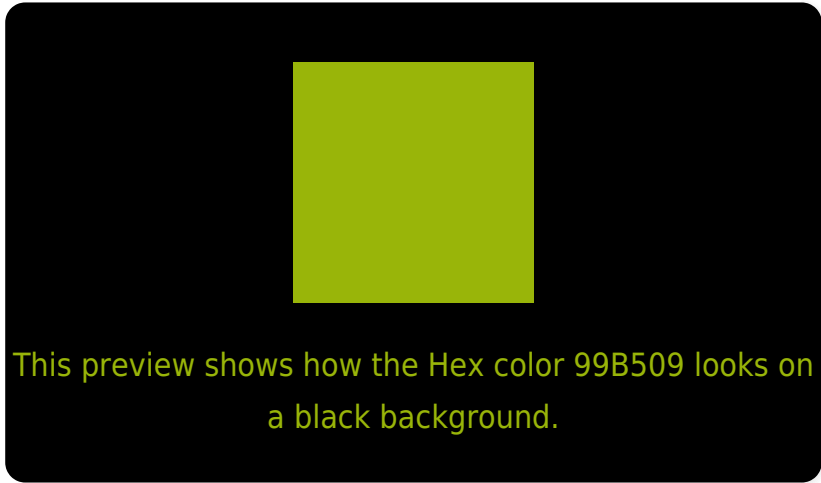
Large Text (above 18pt) WCAG AA × Fail

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 99B509 Background



This preview shows how black text looks on a background with the Hex color 99B509.

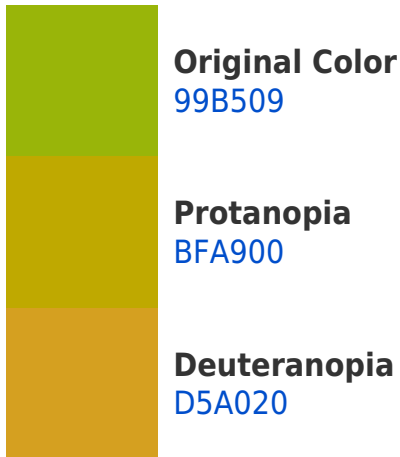


This preview shows how white text looks on a background with the Hex color 99B509.

# 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](#).

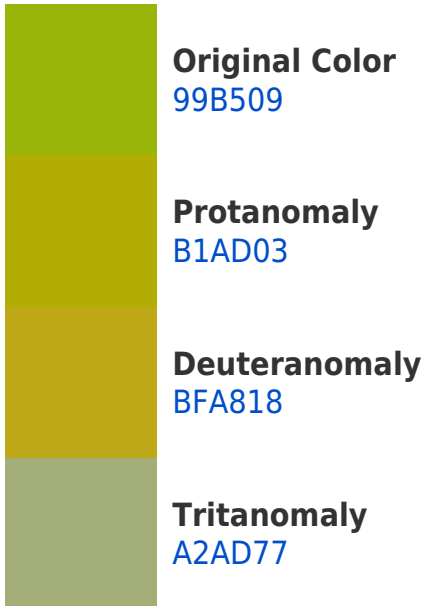
## Dichromacy





**Tritanopia**  
A7A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B509 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 #99B509 looks like.

```
.text, #text, p{  
    color:#99B509  
}
```

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 #99B509 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B509
}
```

## Border

The CSS property to change the border of an element to Hex 99B509 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
#99B509 }
```

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

```
.border{ border-color:#99B509 }
```

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

Here you see how a box with a 4 pixel #99B509 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B509; -webkit-box-shadow:4px 4px  
4px 4px #99B509; box-shadow:4px 4px 4px  
4px #99B509 }
```

# Background

The CSS property to change the background color of an element to Hex 99B509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B509 }
```

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

```
.background{ background-color:#99B509 }
```

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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