

# Converting Colors

Hex(98C60A)

Have a look what the booklet for  
Hex(98C60A) contains.

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**Color**

**Hex(98C60A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98C60A
RGB	152, 198, 10
RGB Percent	60%, 78%, 4%
CMY	0.4039, 0.2235, 0.9608
CMYK	0.23, 0.00, 0.95, 0.22
HSL	75°, 90%, 41%
HSV	75°, 95%, 78%
XYZ	33.1978, 47.0855, 7.6259
YIQ	162.8140, 32.9320, -68.2200

# Conversions

## Conversions Part 2

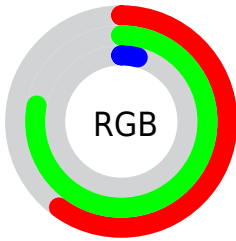
Format	Color
<a href="#">RYB</a>	<a href="#">10, 198, 56</a>
Decimal	<a href="#">10012170</a>
CIELab	<a href="#">74.24, -36.86, 73.15</a>
CIELCh	<a href="#">74, 81.916, 116.744</a>
Yxy	<a href="#">47.0855, 0.3776, 0.5356</a>
Android (android.graphics.Color)	<a href="#">4288202250 (0xFF98C60A)</a>
YUV	<a href="#">162.8140, -75.3373, -9.4839</a>
Hunter-Lab	<a href="#">68.6189, -33.7248, 41.4441</a>

# Details

The Hex color **98C60A** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **380AC6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D2FF55**, and **5F9000** is the 20% darker color. If you saturate the color by 10%, you get **96C600**, and if you desaturate by 10%, it is **9DC61E**.

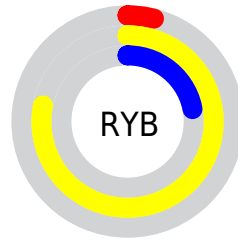
# Distribution



Red (60%)

Green (78%)

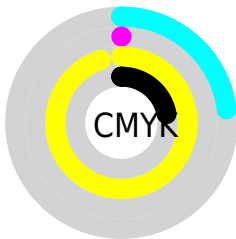
Blue (4%)



Red (4%)

Yellow (78%)

Blue (22%)

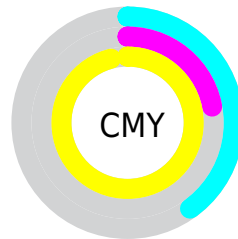


Cyan (23%)

Magenta (0%)

Yellow (95%)

Black (22%)



Cyan (40%)

Magenta (22%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98C60A 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 98C60A by changing the saturation by 10% instead.



 98C60A

 98C60A

FFFFFF

 7BAB00

 D2FF55

 5F9000

 F0FF72

 437600

 FFFF8E

 255D00

 FFFFAB

 004500

 FFFFC8

 002E00

 FFFF8E

 001700

 000000

 98C60A

 98C60A

 96C600

 9DC61E

 A2C632

 A7C645

 ABC659

 B0C66D

 B5C681

 BAC695

 BFC6A8

 C4C6BC

# Harmonies

## Analogous

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



E1B000



98C60A



00D35E

# Triad

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



98C60A



00D2FF



FF68C2

# Complementary

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



98C60A



380AC6

# 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.



FF82FF



98C60A



00C2FF

# Square

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



98C60A



00D9F8



A3A6FF



FF7178

# Rectangle

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



98C60A



00D791



A3A6FF



FF6EDB



# Sweetspot

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



98C60A



EEFFB8



C6360A



758054



000000



808080



# Same Dimension

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



98C60A



C1FF00



3CC60A



61635A



7BA300



1B2400



# Inverse Universe

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



380AC6



3E00FF



940AC6



5C5A63



2800A3



090024



# Previews

## White Background



This preview shows how the Hex color 98C60A looks on a white background.

## Color Contrast Check

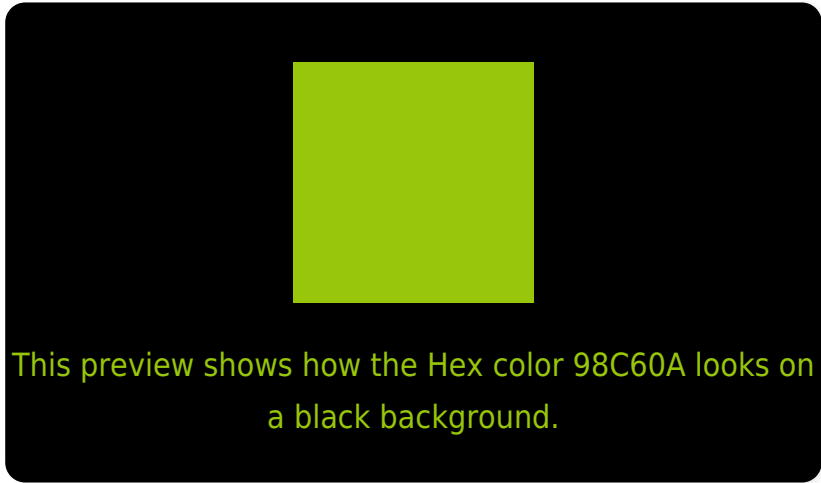
Large Text (above 18pt) WCAG AA × Fail

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 98C60A Background



This preview shows how black text looks on a background with the Hex color 98C60A.

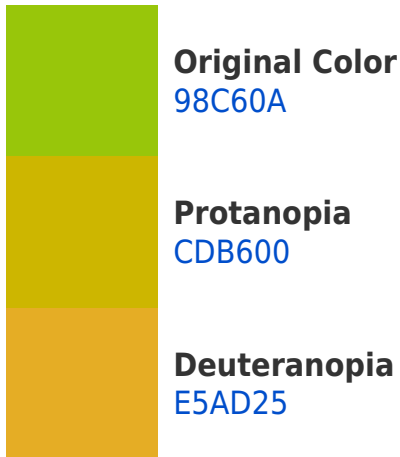


This preview shows how white text looks on a background with the Hex color 98C60A.

# 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**  
A9B8C7

# Trichromacy



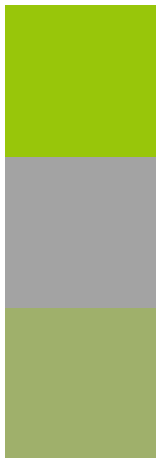
**Original Color**  
98C60A

**Protanomaly**  
BABC04

**Deuteranomaly**  
C9B61B

**Tritanomaly**  
A3BD82

# Monochromacy



**Original Color**  
98C60A

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
9FB06B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98C60A 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 #98C60A looks like.

```
.text, #text, p{  
    color:#98C60A  
}
```

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 #98C60A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98C60A
}
```

## Border

The CSS property to change the border of an element to Hex 98C60A 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
#98C60A }
```

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

```
.border{ border-color:#98C60A }
```

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

Here you see how a box with a 4 pixel #98C60A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98C60A; -webkit-box-shadow:4px 4px  
4px 4px #98C60A; box-shadow:4px 4px 4px  
4px #98C60A }
```

# Background

The CSS property to change the background color of an element to Hex 98C60A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98C60A }
```

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

```
.background{ background-color:#98C60A }
```

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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