

# Converting Colors

Hex(98AD34)

Have a look what the booklet for  
Hex(98AD34) contains.

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# Color

Hex(98AD34)

# Conversions

## Conversions Part 1

Format	Color
Hex	98AD34
RGB	152, 173, 52
RGB Percent	60%, 68%, 20%
CMY	0.4039, 0.3216, 0.7961
CMYK	0.12, 0.00, 0.70, 0.32
HSL	70°, 54%, 44%
HSV	70°, 70%, 68%
XYZ	28.5123, 36.8105, 8.8512
YIQ	152.9270, 26.3250, -42.0830

# Conversions

## Conversions Part 2

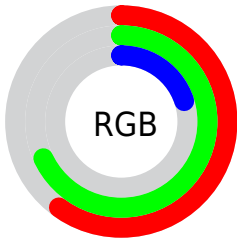
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 173, 73
Decimal	10005812
CIELab	67.13, -23.63, 56.70
CIELCh	67, 61.424, 112.625
Yxy	36.8105, 0.3844, 0.4963
Android (android.graphics.Color)	4288195892 (0xFF98AD34)
YUV	152.9270, -49.7570, -0.8130
Hunter-Lab	60.6716, -22.2903, 33.8205

# Details

The Hex color **98AD34** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4934AD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D1E46A**, and **617900** is the 20% darker color. If you saturate the color by 10%, you get **95AD23**, and if you desaturate by 10%, it is **9BAD45**.

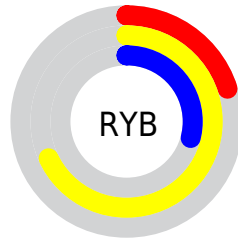
# Distribution



Red (60%)

Green (68%)

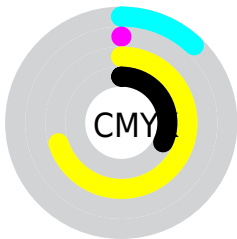
Blue (20%)



Red (20%)

Yellow (68%)

Blue (29%)

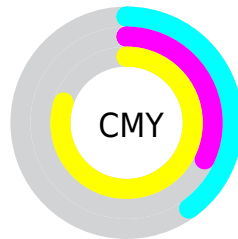


Cyan (12%)

Magenta (0%)

Yellow (70%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98AD34 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 98AD34 by changing the saturation by 10% instead.



 98AD34

 98AD34

FFFFFF

 7C9215

 D1E46A

 617900

 EEFF85

 476000

 FFFFA0

 2D4800

 FFFFBC

 123100

 FFFFD9

 001E00

 FFFFF6

 000000

 98AD34

 98AD34

 95AD23

 9BAD45

■ 92AD11

■ 9EAD57

■ 8FAD00

■ A1AD68

■ A4AD79

■ A7AD8B

■ AAAD9C

■ ADADAD

■ B0ADBE

■ B3ADD0

# Harmonies

## Analogous

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



CC9C2D



98AD34



52B85D

# Triad

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



98AD34



00B9FA



FF72B4

# Complementary

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



98AD34



4934AD

# 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.



D983E7



98AD34



00AEFF

# Square

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



98AD34



00BECC



8C9AFF



FF747C

# Rectangle

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



98AD34



00BC80



8C9AFF



F776C6



# Sweetspot

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



98AD34



D8E0B1



AD4834



6B7054



F0F0F0



707070



# Same Dimension

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



98AD34



C0E024



5CAD34



55574E



7C9600



131700



# Inverse Universe

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



4934AD



4524E0



8534AD



504E57



1A0096



040017



# Previews

## White Background



This preview shows how the Hex color 98AD34 looks on a white background.

## Color Contrast Check

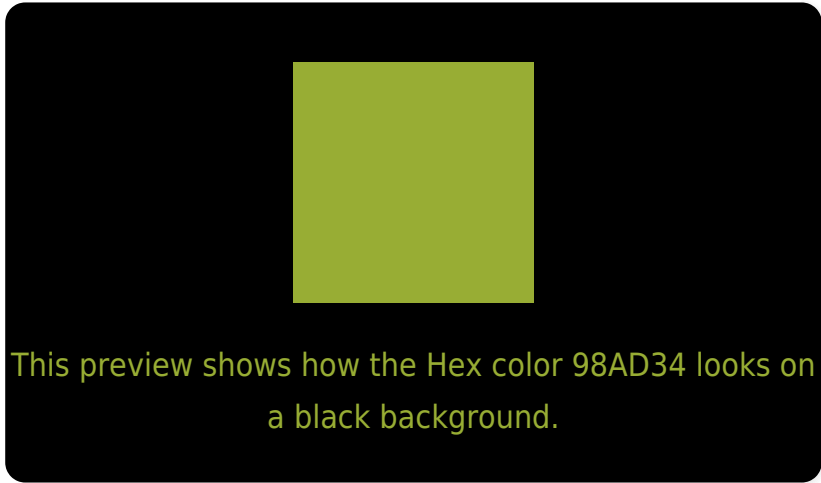
Large Text (above 18pt) WCAG AA × Fail

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 98AD34 Background



This preview shows how black text looks on a background with the Hex color 98AD34.



This preview shows how white text looks on a background with the Hex color 98AD34.

# 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**  
A4A2AE

# Trichromacy



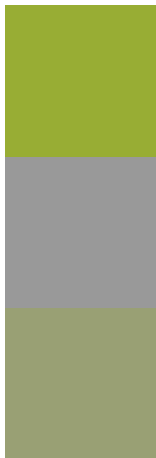
**Original Color**  
98AD34

**Protanomaly**  
ACA732

**Deuteranomaly**  
B9A238

**Tritanomaly**  
A0A682

# Monochromacy



**Original Color**  
98AD34

**Achromatopsia**  
999999

**Achromatomaly**  
99A074

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98AD34 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 #98AD34 looks like.

```
.text, #text, p{  
    color:#98AD34  
}
```

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 #98AD34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98AD34
}
```

## Border

The CSS property to change the border of an element to Hex 98AD34 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
#98AD34 }
```

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

```
.border{ border-color:#98AD34 }
```

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

Here you see how a box with a 4 pixel #98AD34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98AD34; -webkit-box-shadow:4px 4px  
4px 4px #98AD34; box-shadow:4px 4px 4px  
4px #98AD34 }
```

# Background

The CSS property to change the background color of an element to Hex 98AD34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98AD34 }
```

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

```
.background{ background-color:#98AD34 }
```

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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