

# Converting Colors

Hex(93AC3B)

Have a look what the booklet for  
Hex(93AC3B) contains.

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**Color**

**Hex(93AC3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93AC3B
RGB	147, 172, 59
RGB Percent	58%, 67%, 23%
CMY	0.4235, 0.3255, 0.7686
CMYK	0.15, 0.00, 0.66, 0.33
HSL	73°, 49%, 45%
HSV	73°, 66%, 67%
XYZ	27.5746, 36.0239, 9.6376
YIQ	151.6430, 21.3730, -40.4430

# Conversions

## Conversions Part 2

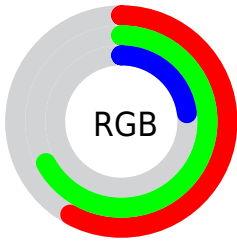
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 172, 84
Decimal	9677883
CIELab	66.54, -24.77, 53.18
CIELCh	67, 58.661, 114.976
Yxy	36.0239, 0.3765, 0.4919
Android (android.graphics.Color)	4287867963 (0xFF93AC3B)
YUV	151.6430, -45.6730, -4.0719
Hunter-Lab	60.0199, -23.0276, 32.4935

# Details

The Hex color **93AC3B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **543BAC**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CBE370**, and **5D7800** is the 20% darker color. If you saturate the color by 10%, you get **8FAC2A**, and if you desaturate by 10%, it is **97AC4C**.

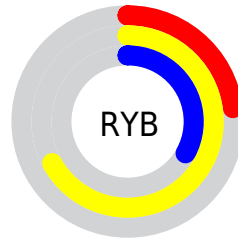
# Distribution



Red (58%)

Green (67%)

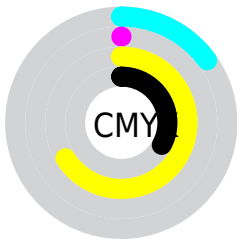
Blue (23%)



Red (23%)

Yellow (67%)

Blue (33%)

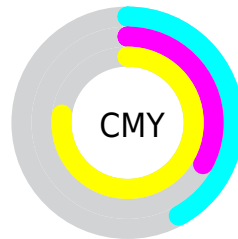


Cyan (15%)

Magenta (0%)

Yellow (66%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93AC3B 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 93AC3B by changing the saturation by 10% instead.





93AC3B



93AC3B

FFFFFF



78911F



CBE370



5D7800



E8FF8B



435F00



FFFFA6



294700



FFFFC2



0D3000



FFFFDF



001E00



FFFFFC



000000



93AC3B



93AC3B



8FAC2A



97AC4C

 8BAC19

 9BAC5D

 88AC07

 9EAC6F

 86AC00

 A2AC80

 A6AC91

 AAACA2

 AEACB3

 B1ACC5

 B5ACD6

# Harmonies

## Analogous

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



C69C31



93AC3B



4FB662

# Triad

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



93AC3B



00B6F7



FD73AD

# Complementary

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



93AC3B



543BAC

# 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.



DA82DF



93AC3B



00A AFF

# Square

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



93AC3B



00BBCD



9498FF



FF7678

# Rectangle

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



93AC3B



00BA85



9498FF



F576BF



# Sweetspot

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



93AC3B



D6E0B4



AC533B



6A7055



F0F0F0



707070



# Same Dimension

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



93AC3B



B9E02F



5BAC3B



55574E



759600



121700



# Inverse Universe

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



543BAC



562FE0



8C3BAC



504E57



210096



050017



# Previews

## White Background



This preview shows how the Hex color 93AC3B looks on a white background.

## Color Contrast Check

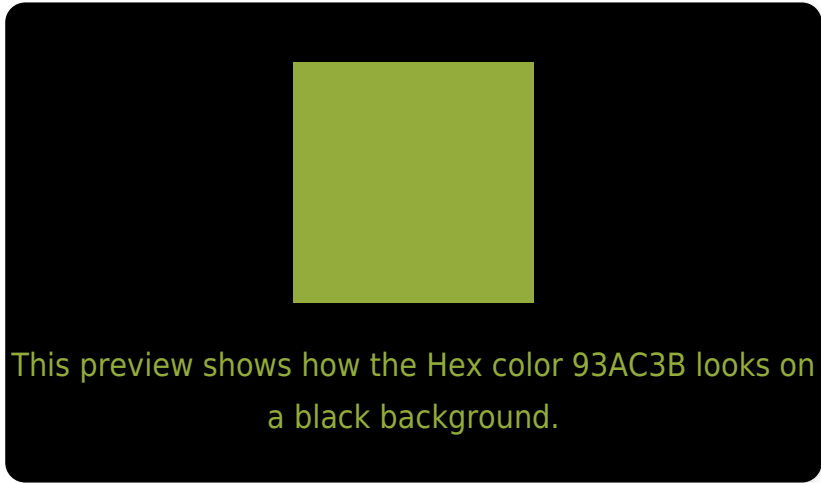
Large Text (above 18pt) WCAG AA × Fail

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 93AC3B Background



This preview shows how black text looks on a background with the Hex color 93AC3B.



This preview shows how white text looks on a background with the Hex color 93AC3B.

# 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**  
93AC3B

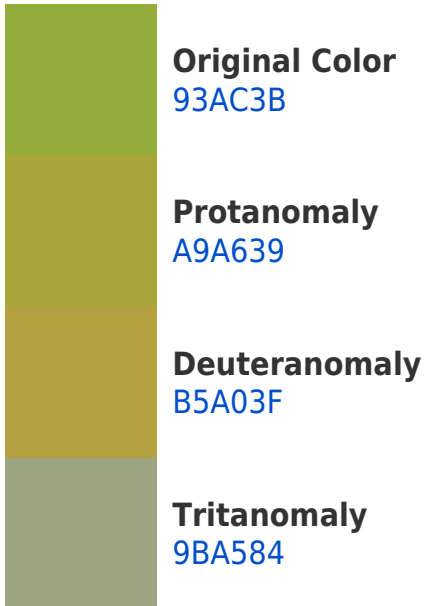
**Protanopia**  
B5A238

**Deuteranopia**  
C99941

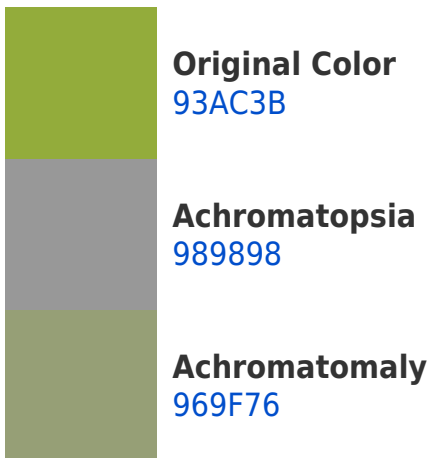


**Tritanopia**  
9FA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93AC3B 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 #93AC3B looks like.

```
.text, #text, p{  
    color:#93AC3B  
}
```

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 #93AC3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AC3B
}
```

## Border

The CSS property to change the border of an element to Hex 93AC3B 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
#93AC3B }
```

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

```
.border{ border-color:#93AC3B }
```

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

Here you see how a box with a 4 pixel #93AC3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AC3B; -webkit-box-shadow:4px 4px  
4px 4px #93AC3B; box-shadow:4px 4px 4px  
4px #93AC3B }
```

# Background

The CSS property to change the background color of an element to Hex 93AC3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AC3B }
```

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

```
.background{ background-color:#93AC3B }
```

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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