

# Converting Colors

Hex(93AC3D)

Have a look what the booklet for  
Hex(93AC3D) contains.

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**Color**

**Hex(93AC3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93AC3D
RGB	147, 172, 61
RGB Percent	58%, 67%, 24%
CMY	0.4235, 0.3255, 0.7608
CMYK	0.15, 0.00, 0.65, 0.33
HSL	74°, 48%, 46%
HSV	74°, 65%, 67%
XYZ	27.6275, 36.0450, 9.9161
YIQ	151.8710, 20.7310, -39.8210

# Conversions

## Conversions Part 2

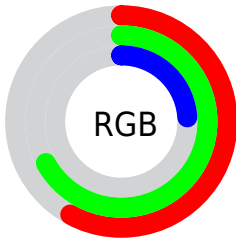
Format	Color
<a href="#">RYB</a>	<a href="#">61, 172, 86</a>
Decimal	<a href="#">9677885</a>
CIELab	<a href="#">66.55, -24.63, 52.35</a>
CIELCh	<a href="#">67, 57.856, 115.193</a>
Yxy	<a href="#">36.0450, 0.3754, 0.4898</a>
Android (android.graphics.Color)	<a href="#">4287867965 (0xFF93AC3D)</a>
YUV	<a href="#">151.8710, -44.7994, -4.2719</a>
Hunter-Lab	<a href="#">60.0375, -22.9253, 32.2336</a>

# Details

The Hex color **93AC3D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **563DAC**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CBE372**, and **5D7800** is the 20% darker color. If you saturate the color by 10%, you get **8FAC2C**, and if you desaturate by 10%, it is **97AC4E**.

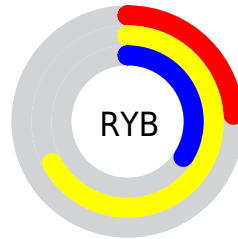
# Distribution



Red (58%)

Green (67%)

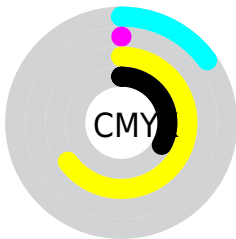
Blue (24%)



Red (24%)

Yellow (67%)

Blue (34%)

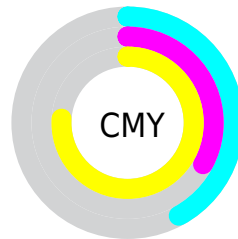


Cyan (15%)

Magenta (0%)

Yellow (65%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93AC3D 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 93AC3D by changing the saturation by 10% instead.



 93AC3D

 93AC3D

FFFFFF

 789121

 CBE372

 5D7800

 E8FF8D

 435F00

 FFFFA8

 2A4700

 FFFFC4

 0D3000

 FFFFE1

 001E00

FFFFFFE

 000000

 93AC3D

 93AC3D

 8FAC2C

 97AC4E

 8BAC1B

 9BAC5F

 87AC09

 9FAC71

 85AC00

 A2AC82

 A6AC93

 AAACA4

 AEACB5

 B2ACC7

 B6ACD8

# Harmonies

## Analogous

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



C59C33



93AC3D



50B664

# Triad

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



93AC3D



00B6F6



FC74AC

# Complementary

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



93AC3D



563DAC

# 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.



D982DE



93AC3D



00AAFF

# Square

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



93AC3D



00BBCD



9598FF



FF7779

# Rectangle

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



93AC3D



00BA85



9598FF



F477BE



# Sweetspot

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



93AC3D



D7E0B6



AC553D



6A7056



F0F0F0



707070



# Same Dimension

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



93AC3D



B9E034



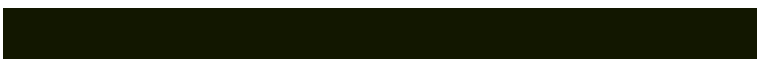
5CAC3D



55574E



759600



121700



# Inverse Universe

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



563DAC



5B34E0



8D3DAC



504E57



220096



050017



# Previews

## White Background



This preview shows how the Hex color 93AC3D looks on a white background.

## Color Contrast Check

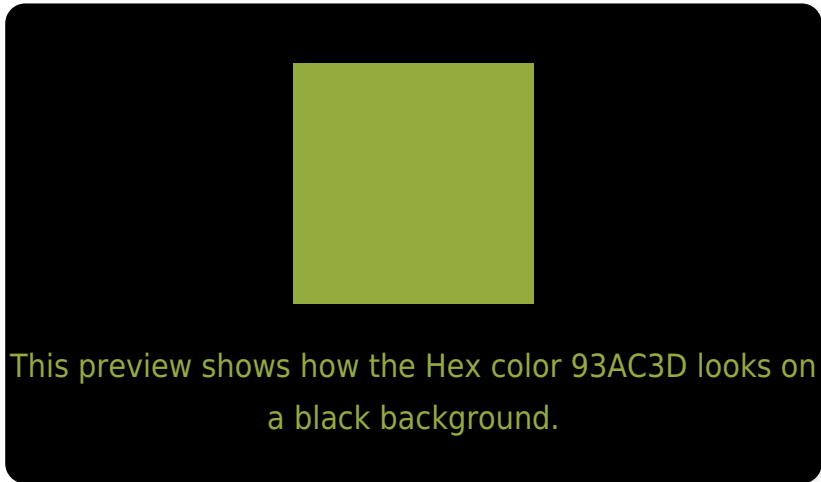
Large Text (above 18pt) WCAG AA × Fail

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

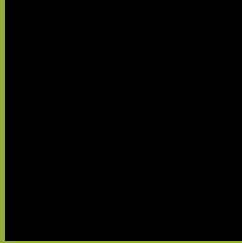
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93AC3D Background



This preview shows how black text looks on a background with the Hex color 93AC3D.

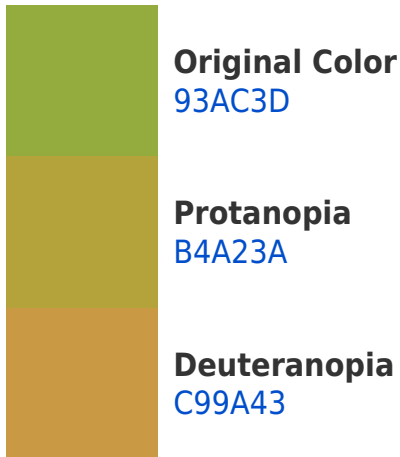


This preview shows how white text looks on a background with the Hex color 93AC3D.

# 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](#).

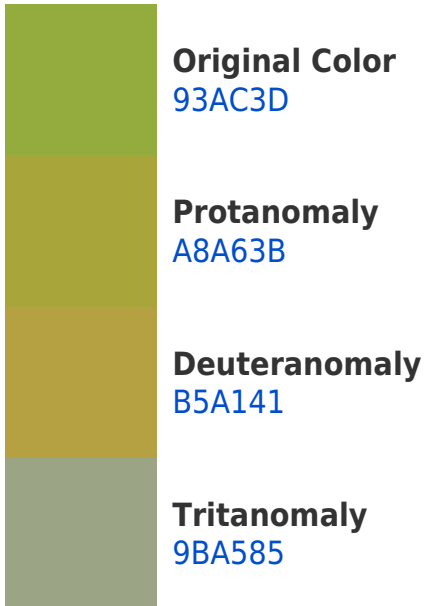
## Dichromacy



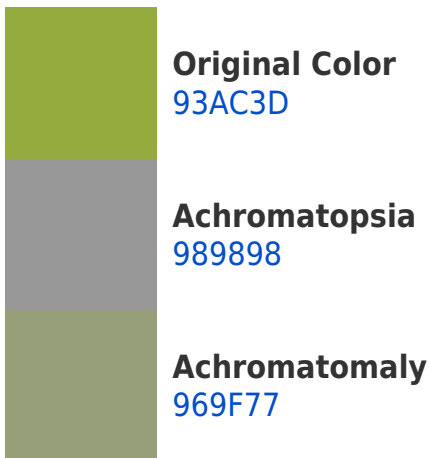


**Tritanopia**  
9FA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93AC3D 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 #93AC3D looks like.

```
.text, #text, p{  
    color:#93AC3D  
}
```

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 #93AC3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AC3D
}
```

## Border

The CSS property to change the border of an element to Hex 93AC3D 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
#93AC3D }
```

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

```
.border{ border-color:#93AC3D }
```

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

Here you see how a box with a 4 pixel #93AC3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AC3D; -webkit-box-shadow:4px 4px  
4px 4px #93AC3D; box-shadow:4px 4px 4px  
4px #93AC3D }
```

# Background

The CSS property to change the background color of an element to Hex 93AC3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AC3D }
```

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

```
.background{ background-color:#93AC3D }
```

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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