

# Converting Colors

Hex(93AD37)

Have a look what the booklet for  
Hex(93AD37) contains.

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**Color**

**Hex(93AD37)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 93AD37                      |
| RGB         | 147, 173, 55                |
| RGB Percent | 58%, 68%, 22%               |
| CMY         | 0.4235, 0.3216, 0.7843      |
| CMYK        | 0.15, 0.00, 0.68, 0.32      |
| HSL         | 73°, 52%, 45%               |
| HSV         | 73°, 68%, 68%               |
| XYZ         | 27.6658, 36.3660, 9.1756    |
| YIQ         | 151.7740, 22.3820, -42.2100 |

# Conversions

## Conversions Part 2

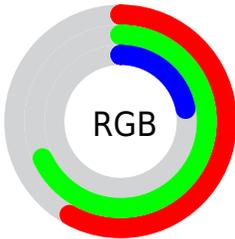
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 55, 173, 81                    |
| Decimal                             | 9678135                        |
| CIELab                              | 66.80, -25.53, 55.07           |
| CIELCh                              | 67, 60.701, 114.869            |
| Yxy                                 | 36.3660, 0.3779,<br>0.4968     |
| Android<br>(android.graphics.Color) | 4287868215<br>(0xFF93AD37)     |
| YUV                                 | 151.7740, -47.7096,<br>-4.1868 |
| Hunter-Lab                          | 60.3042, -23.6420,<br>33.1917  |

# Details

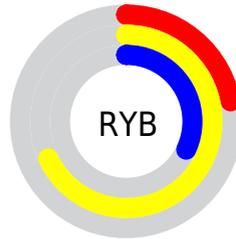
The Hex color **93AD37** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5137AD**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CCE46C**, and **5D7900** is the 20% darker color. If you saturate the color by 10%, you get **8FAD26**, and if you desaturate by 10%, it is **97AD48**.

# Distribution



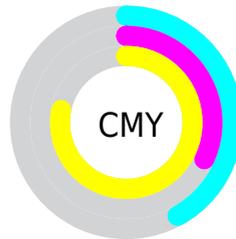
- Red (58%)
- Green (68%)
- Blue (22%)



- Red (22%)
- Yellow (68%)
- Blue (32%)



- Cyan (15%)
- Magenta (0%)
- Yellow (68%)
- Black (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93AD37 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 93AD37 by changing the saturation by 10% instead.

 93AD37

 93AD37

FFFFFF

 789219

 CCE46C

 5D7900

 E9FF87

 436000

 FFFFA3

 294800

 FFFFBF

 0C3100

 FFFFDB

 001E00

 FFFFF8

 000000

 93AD37

 93AD37

 8FAD26

 97AD48

■ 8BAD14

■ 9BAD5A

■ 88AD03

■ 9EAD6B

■ 87AD00

■ A2AD7C

■ A6AD8E

■ AAAD9F

■ AEADB0

■ B1ADC1

■ B5ADD3

# Harmonies

## Analogous

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



C89D2D



93AD37



4BB761

# Triad

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



93AD37



00B8FB



FF71AE

# Complementary

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



93AD37



5137AD

# Split Complementary

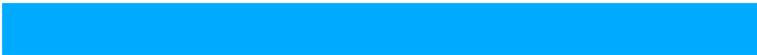
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DC81E2



93AD37



00ABFF

# Square

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



93AD37



00BDCF



9398FF



FF7478

# Rectangle

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



93AD37



00BB84



9398FF



F875C0

# Sweetspot

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



93AD37



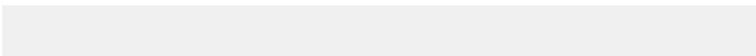
D7E0B4



AD5137



6A7055



F0F0F0



707070



# Same Dimension

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



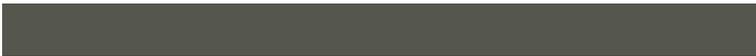
93AD37



B8E028



58AD37



55574E



759600



121700



# Inverse Universe

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



5137AD



5128E0



8C37AD



504E57



210096



050017



# Previews

## White Background



This preview shows how the Hex color 93AD37 looks on a white background.

## Color Contrast Check

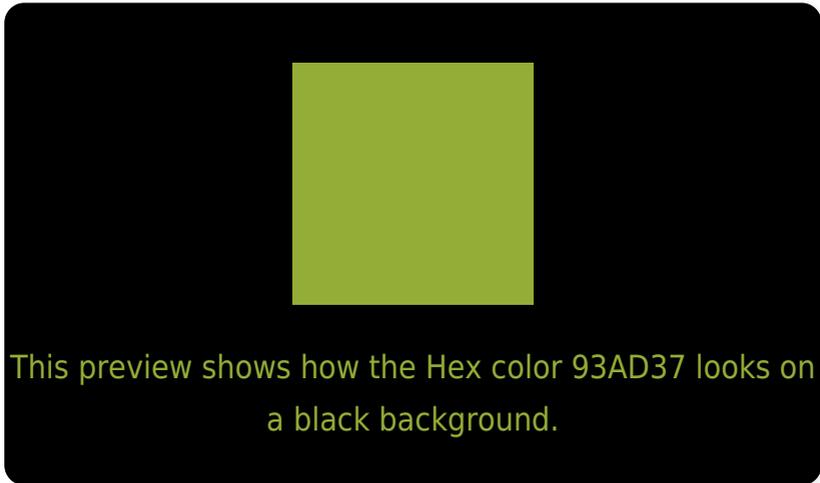
Large Text (above 18pt) WCAG AA × Fail

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 93AD37 Background



This preview shows how black text looks on a background with the Hex color 93AD37.



This preview shows how white text looks on a background with the Hex color 93AD37.

# 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**  
93AD37

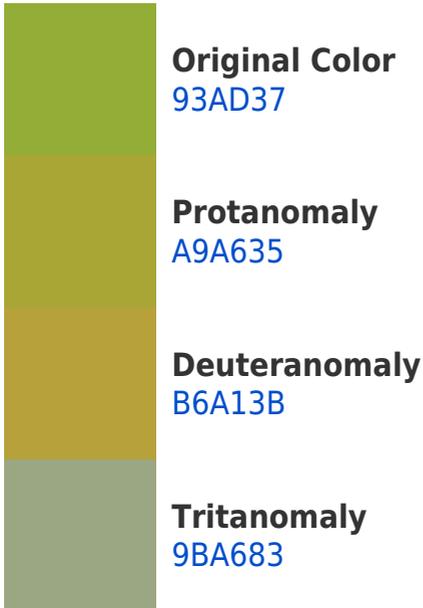
**Protanopia**  
B6A234

**Deuteranopia**  
CA9A3E

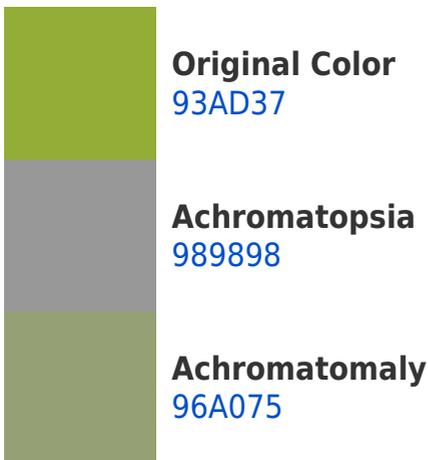


**Tritanopia**  
A0A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93AD37 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 #93AD37 looks like.

```
.text, #text, p{  
    color:#93AD37  
}
```

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 #93AD37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AD37
}
```

## Border

The CSS property to change the border of an element to Hex 93AD37 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
#93AD37 }
```

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

```
.border{ border-color:#93AD37 }
```

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

Here you see how a box with a 4 pixel #93AD37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AD37; -webkit-box-shadow:4px 4px  
4px 4px #93AD37; box-shadow:4px 4px 4px  
4px #93AD37 }
```

# Background

The CSS property to change the background color of an element to Hex 93AD37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AD37 }
```

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

```
.background{ background-color:#93AD37 }
```

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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