

# Converting Colors

Hex(93B836)

Have a look what the booklet for  
Hex(93B836) contains.

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**Color**

**Hex(93B836)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93B836
RGB	147, 184, 54
RGB Percent	58%, 72%, 21%
CMY	0.4235, 0.2784, 0.7882
CMYK	0.20, 0.00, 0.71, 0.28
HSL	77°, 55%, 47%
HSV	77°, 71%, 72%
XYZ	29.8390, 40.7504, 9.7830
YIQ	158.1170, 19.6780, -48.2740

# Conversions

## Conversions Part 2

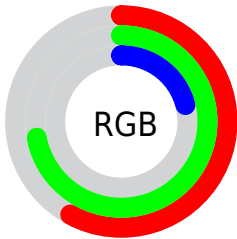
Format	Color
<a href="#">RYB</a>	<a href="#">54, 184, 91</a>
Decimal	<a href="#">9680950</a>
CIELab	<a href="#">70.00, -30.87, 58.70</a>
CIELCh	<a href="#">70, 66.322, 117.740</a>
Yxy	<a href="#">40.7504, 0.3713, 0.5070</a>
Android (android.graphics.Color)	<a href="#">4287871030 (0xFF93B836)</a>
YUV	<a href="#">158.1170, -51.3297, -9.7496</a>
Hunter-Lab	<a href="#">63.8360, -28.2765, 35.5989</a>

# Details

The Hex color **93B836** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5B36B8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CCF06D**, and **5C8300** is the 20% darker color. If you saturate the color by 10%, you get **8EB824**, and if you desaturate by 10%, it is **98B848**.

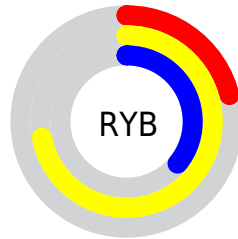
# Distribution



Red (58%)

Green (72%)

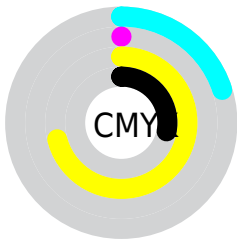
Blue (21%)



Red (21%)

Yellow (72%)

Blue (36%)

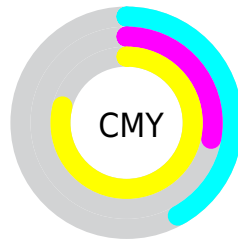


Cyan (20%)

Magenta (0%)

Yellow (71%)

Black (28%)



Cyan (42%)

Magenta (28%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B836 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 93B836 by changing the saturation by 10% instead.





93B836



93B836

FFFFFF



779D16



CCF06D



5C8300



E9FF88



416900



FFFFA4



265100



FFFFC0



053A00



FFFFDC



002500



FFFFFA



000000



93B836



93B836



8EB824



98B848

 89B811

 9DB85B

 84B800

 A3B86D

 A8B880

 ADB892

 B2B8A4

 B8B8B7

 BDB8C9

 C2B8DC

# Harmonies

## Analogous

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



CEA725



93B836



3BC367

# Triad

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



93B836



00C1FF



FF72B2

# Complementary

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



93B836



5B36B8

# 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.



F083EC



93B836



00B3FF

# Square

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



93B836



00C7E2



A39DFE



FF7977

# Rectangle

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



93B836



00C68F



A39DFF



FF76C6



# Sweetspot

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



93B836



E1F0BD



B85B36



6F785A



F7F7F7



787878



# Same Dimension

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



93B836



B6F024



52B836



595C53



6F9C00



141C00



# Inverse Universe

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



5B36B8



5E24F0



9C36B8



55535C



2C009C



08001C



# Previews

## White Background



This preview shows how the Hex color 93B836 looks on a white background.

## Color Contrast Check

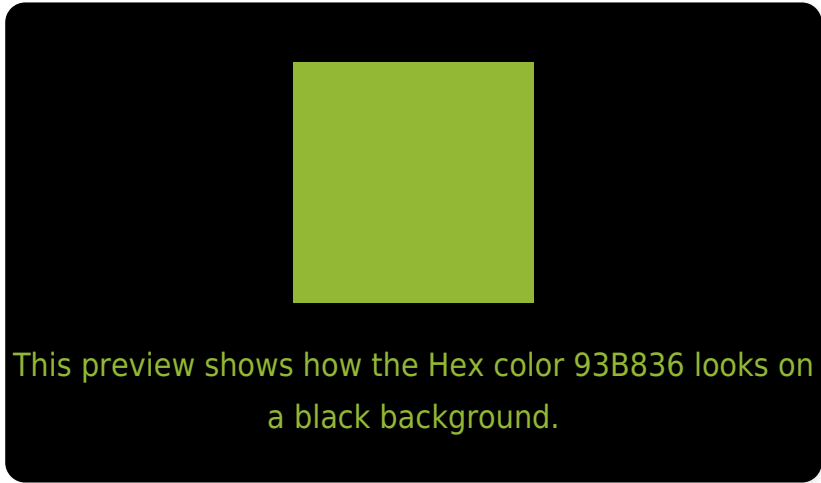
Large Text (above 18pt) WCAG AA × Fail

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 93B836 Background



This preview shows how black text looks on a background with the Hex color 93B836.

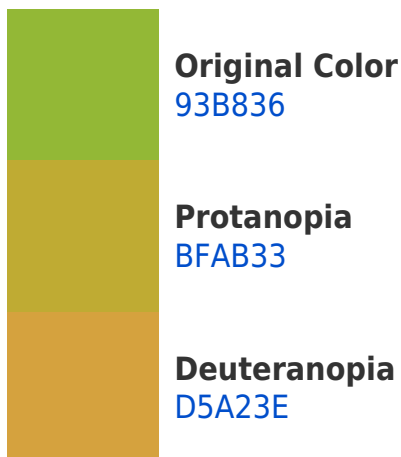


This preview shows how white text looks on a background with the Hex color 93B836.

# 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](#).

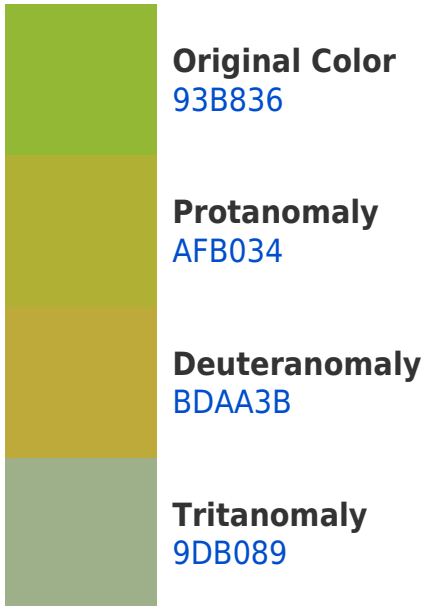
## Dichromacy





**Tritanopia**  
A2ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B836 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 #93B836 looks like.

```
.text, #text, p{  
    color:#93B836  
}
```

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 #93B836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B836  
}
```

## Border

The CSS property to change the border of an element to Hex 93B836 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  
#93B836 }
```

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

```
.border{ border-color:#93B836 }
```

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

Here you see how a box with a 4 pixel #93B836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B836; -webkit-box-shadow:4px 4px  
4px 4px #93B836; box-shadow:4px 4px 4px  
4px #93B836 }
```

# Background

The CSS property to change the background color of an element to Hex 93B836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B836 }
```

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

```
.background{ background-color:#93B836 }
```

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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