

Converting Colors

Hex(93B33C)

Have a look what the booklet for
Hex(93B33C) contains.

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Color

Hex(93B33C)

Conversions

Conversions Part 1

Format	Color
Hex	93B33C
RGB	147, 179, 60
RGB Percent	58%, 70%, 24%
CMY	0.4235, 0.2980, 0.7647
CMYK	0.18, 0.00, 0.66, 0.30
HSL	76°, 50%, 47%
HSV	76°, 66%, 70%
XYZ	28.9683, 38.7695, 10.2314
YIQ	155.8660, 19.1270, -43.7930

Conversions

Conversions Part 2

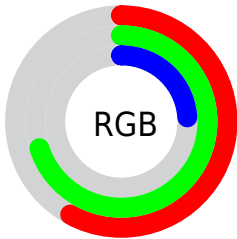
Format	Color
RYB	60, 179, 92
Decimal	9679676
CIELab	68.58, -28.10, 54.91
CIELCh	69, 61.682, 117.103
Yxy	38.7695, 0.3715, 0.4972
Android (android.graphics.Color)	4287869756 (0xFF93B33C)
YUV	155.8660, -47.2619, -7.7755
Hunter-Lab	62.2651, -25.9184, 33.8430

Details

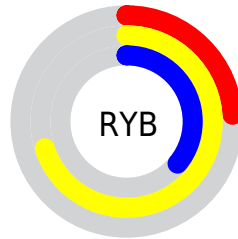
The Hex color **93B33C** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **5C3CB3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CBEB71**, and **5D7E00** is the 20% darker color. If you saturate the color by 10%, you get **8EB32A**, and if you desaturate by 10%, it is **98B34E**.

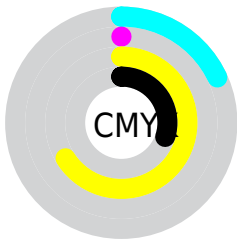
Distribution



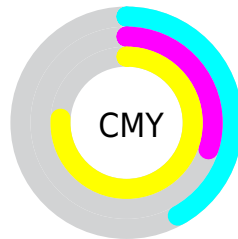
- Red (58%)
- Green (70%)
- Blue (24%)



- Red (24%)
- Yellow (70%)
- Blue (36%)



- Cyan (18%)
- Magenta (0%)
- Yellow (66%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B33C 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 93B33C by changing the saturation by 10% instead.

 93B33C

 93B33C

FFFFFF

 78981F

 CBEB71

 5D7E00

 E9FF8C

 426500

 FFFFA8

 284D00

 FFFFC4

 093600

 FFFFE1

 002200

FFFFFFE

 000000

 93B33C

 93B33C

 8EB32A

 98B34E

■ 89B318

■ 9DB360

■ 85B306

■ A1B372

■ 83B300

■ A6B384

■ ABB395

■ B0B3A7

■ B5B3B9

■ BAB3CB

■ BEB3DD

Harmonies

Analogous

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



CAA32F



93B33C



46BD68

Triad

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



93B33C



00BCFF



FF74AF

Complementary

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



93B33C



5C3CB3

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.



E683E5



93B33C



00AFFF

Square

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



93B33C



00C2D9



9F9BFF



FF7978

Rectangle

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



93B33C



00C18C



9F9BFF



FF77C2

Sweetspot

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



93B33C



DCE8BA



B35C3C



6E7559



F5F5F5



757575

Same Dimension

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



93B33C



B6E82E



58B33C



575950



709900



131A00

Inverse Universe

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



5C3CB3



602EE8



973CB3



535059



290099



07001A

Previews

White Background



This preview shows how the Hex color 93B33C looks on a white background.

Color Contrast Check

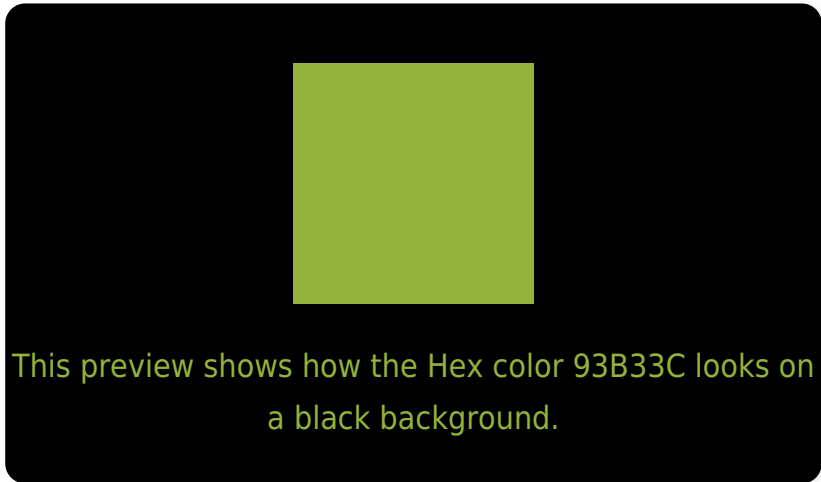
Large Text (above 18pt) WCAG AA × Fail

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 93B33C Background



This preview shows how black text looks on a background with the Hex color 93B33C.

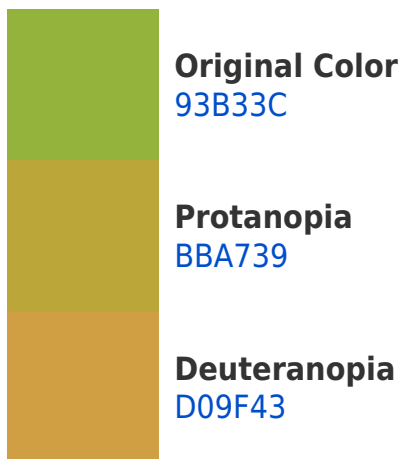


This preview shows how white text looks on a background with the Hex color 93B33C.

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](#).

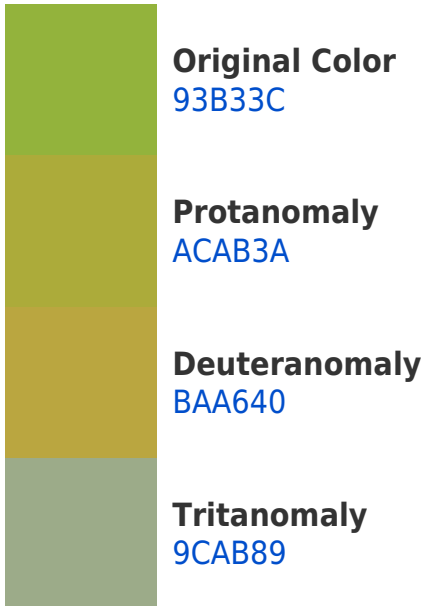
Dichromacy





Tritanopia
A1A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B33C 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 #93B33C looks like.

```
.text, #text, p{  
    color:#93B33C  
}
```

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 #93B33C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B33C
}
```

Border

The CSS property to change the border of an element to Hex 93B33C 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
#93B33C }
```

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

```
.border{ border-color:#93B33C }
```

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

Here you see how a box with a 4 pixel #93B33C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B33C; -webkit-box-shadow:4px 4px  
4px 4px #93B33C; box-shadow:4px 4px 4px  
4px #93B33C }
```

Background

The CSS property to change the background color of an element to Hex 93B33C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B33C }
```

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

```
.background{ background-color:#93B33C }
```

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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