

Converting Colors

Hex(93A85A)

Have a look what the booklet for
Hex(93A85A) contains.

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Color

Hex(93A85A)

Conversions

Conversions Part 1

Format	Color
Hex	93A85A
RGB	147, 168, 90
RGB Percent	58%, 66%, 35%
CMY	0.4235, 0.3412, 0.6471
CMYK	0.13, 0.00, 0.46, 0.34
HSL	76°, 31%, 51%
HSV	76°, 46%, 66%
XYZ	27.8807, 34.9465, 14.9487
YIQ	152.8290, 12.5220, -28.7100

Conversions

Conversions Part 2

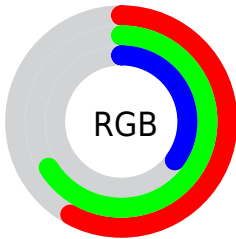
Format	Color
RYB	90, 168, 111
Decimal	9676890
CIELab	65.71, -19.97, 37.70
CIELCh	66, 42.659, 117.907
Yxy	34.9465, 0.3585, 0.4493
Android (android.graphics.Color)	4287866970 (0xFF93A85A)
YUV	152.8290, -30.9747, -5.1120
Hunter-Lab	59.1156, -19.2661, 26.3880

Details

The Hex color **93A85A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6F5AA8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CADF8E**, and **5F7429** is the 20% darker color. If you saturate the color by 10%, you get **8EA849**, and if you desaturate by 10%, it is **98A86B**.

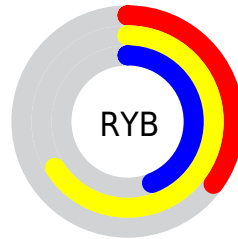
Distribution



Red (58%)

Green (66%)

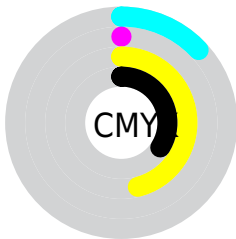
Blue (35%)



Red (35%)

Yellow (66%)

Blue (44%)

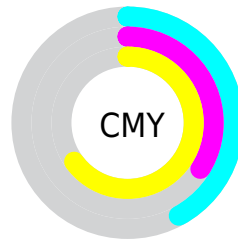


Cyan (13%)

Magenta (0%)

Yellow (46%)

Black (34%)



Cyan (42%)

Magenta (34%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A85A 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 93A85A by changing the saturation by 10% instead.



93A85A



93A85A

FFFFFF



788E41



CADF8E



5F7429



E7FCA8



465B10



FFFFC4



2E4400



FFFFE0



162D00

FFFFFFD



001B00



000000



93A85A



93A85A



8EA849



98A86B

 8AA838

 9CA87C

 85A828

 A1A88C

 81A817

 A5A89D

 7CA806

 AAA8AE

 7BA800

 AEA8BF

 B3A8D0

 B7A8E0

 BCA8F1

Harmonies

Analogous

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



BA9C52



93A85A



64B076

Triad

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



93A85A



00AEE0



E581A4

Complementary

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



93A85A



6F5AA8

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.



CD89C9



93A85A



5BA4EC

Square

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



93A85A



00B3C2



9F97E3



E8847E

Rectangle

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



93A85A



3BB38E



9F97E3



DF82B1

Sweetspot

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



93A85A



D3DBBD



A86F5A



696E5B



EDEDED



6E6E6E

Same Dimension

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



93A85A



BADB60



6CA85A



52544C



6C9400



0F1400

Inverse Universe

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



6F5AA8



8260DB



965AA8



4E4C54



280094



050014

Previews

White Background



This preview shows how the Hex color 93A85A looks on a white background.

Color Contrast Check

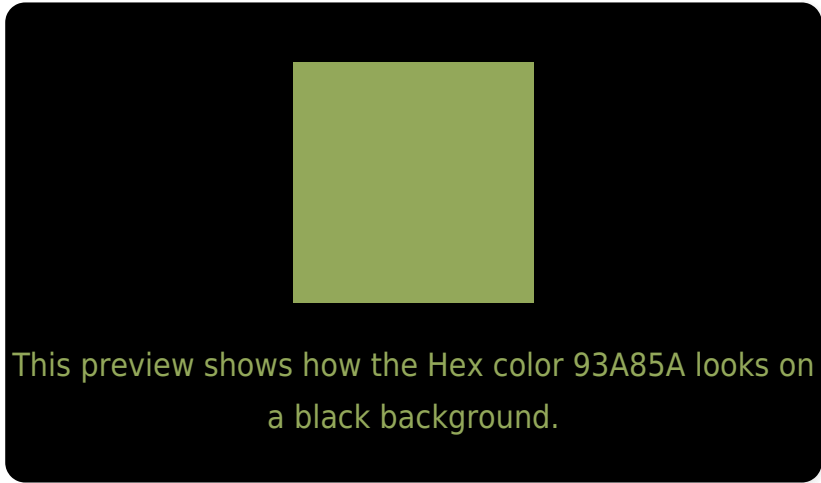
Large Text (above 18pt) WCAG AA × Fail

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

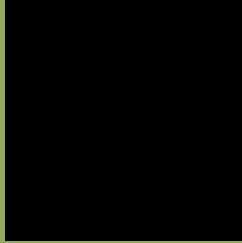
Any Text WCAG AA ✓ Pass

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 93A85A Background



This preview shows how black text looks on a background with the Hex color 93A85A.



This preview shows how white text looks on a background with the Hex color 93A85A.

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
93A85A

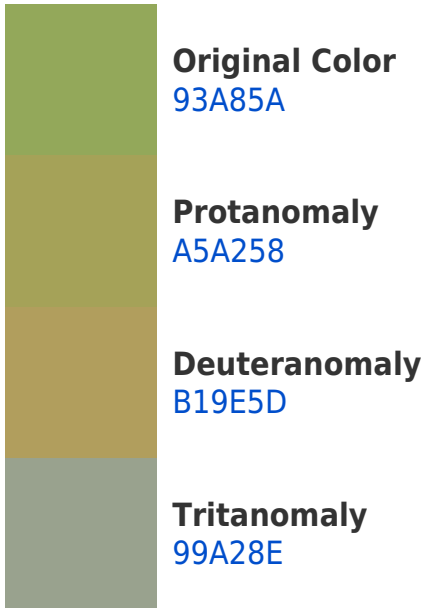
Protanopia
AF9F57

Deuteranopia
C2985E

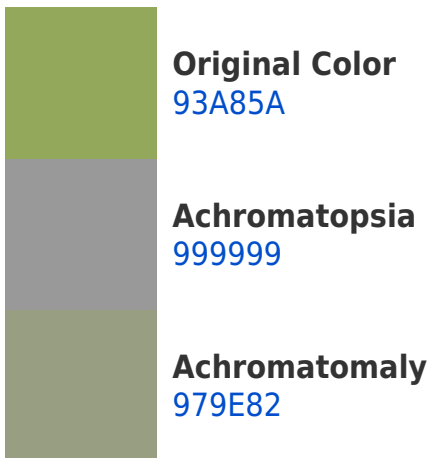


Tritanopia
9D9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93A85A 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 #93A85A looks like.

```
.text, #text, p{  
    color:#93A85A  
}
```

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 #93A85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A85A
}
```

Border

The CSS property to change the border of an element to Hex 93A85A 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
#93A85A }
```

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

```
.border{ border-color:#93A85A }
```

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

Here you see how a box with a 4 pixel #93A85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A85A; -webkit-box-shadow:4px 4px  
4px 4px #93A85A; box-shadow:4px 4px 4px  
4px #93A85A }
```

Background

The CSS property to change the background color of an element to Hex 93A85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A85A }
```

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

```
.background{ background-color:#93A85A }
```

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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