

Converting Colors

Hex(93AC48)

Have a look what the booklet for
Hex(93AC48) contains.

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Color

Hex(93AC48)

Conversions

Conversions Part 1

Format	Color
Hex	93AC48
RGB	147, 172, 72
RGB Percent	58%, 67%, 28%
CMY	0.4235, 0.3255, 0.7176
CMYK	0.15, 0.00, 0.58, 0.33
HSL	75°, 41%, 48%
HSV	75°, 58%, 67%
XYZ	27.9548, 36.1760, 11.6402
YIQ	153.1250, 17.2000, -36.4000

Conversions

Conversions Part 2

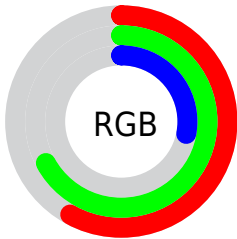
Format	Color
RYB	72, 172, 97
Decimal	9677896
CIELab	66.65, -23.75, 47.59
CIELCh	67, 53.185, 116.528
Yxy	36.1760, 0.3689, 0.4774
Android (android.graphics.Color)	4287867976 (0xFF93AC48)
YUV	153.1250, -39.9946, -5.3716
Hunter-Lab	60.1465, -22.2932, 30.6281

Details

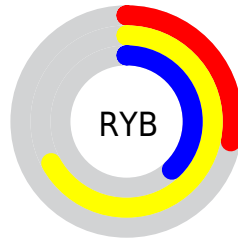
The Hex color **93AC48** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6148AC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CBE37C**, and **5E7812** is the 20% darker color. If you saturate the color by 10%, you get **8FAC37**, and if you desaturate by 10%, it is **97AC59**.

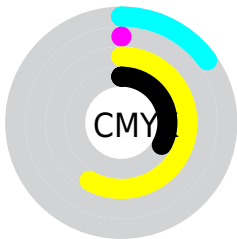
Distribution



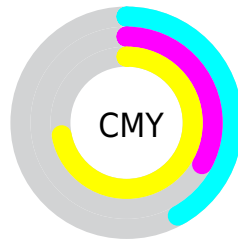
- Red (58%)
- Green (67%)
- Blue (28%)



- Red (28%)
- Yellow (67%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (58%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AC48 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 93AC48 by changing the saturation by 10% instead.

 93AC48

 93AC48

FFFFFF

 78912E

 CBE37C

 5E7812

 E8FF97

 445F00

 FFFFB2

 2C4700

 FFFFCE

 103000

 FFFFEB

 001E00

 000000

 93AC48

 93AC48

 8FAC37

 97AC59

8AAC26

9CAC6A

86AC14

A0AC7C

82AC03

A4AC8D

81AC00

A9AC9E

ADACAF

B1ACC0

B5ACD2

BAACE3

Harmonies

Analogous

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



C29E3E



93AC48



56B56B

Triad

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



93AC48



00B4F1



F679AA

Complementary

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



93AC48



6148AC

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.



D885D8



93AC48



27A9FF

Square

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



93AC48



00B9CB



9B98F8



FA7C7A

Rectangle

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



93AC48



00B98A



9B98F8



EF7BBA

Sweetspot

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



93AC48



D7E0BA



AC6148



6B705A



F0F0F0



707070

Same Dimension

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



93AC48



B9E043



61AC48



55574E



719600



111700

Inverse Universe

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



6148AC



6B43E0



9348AC



504E57



260096



060017

Previews

White Background



This preview shows how the Hex color 93AC48 looks on a white background.

Color Contrast Check

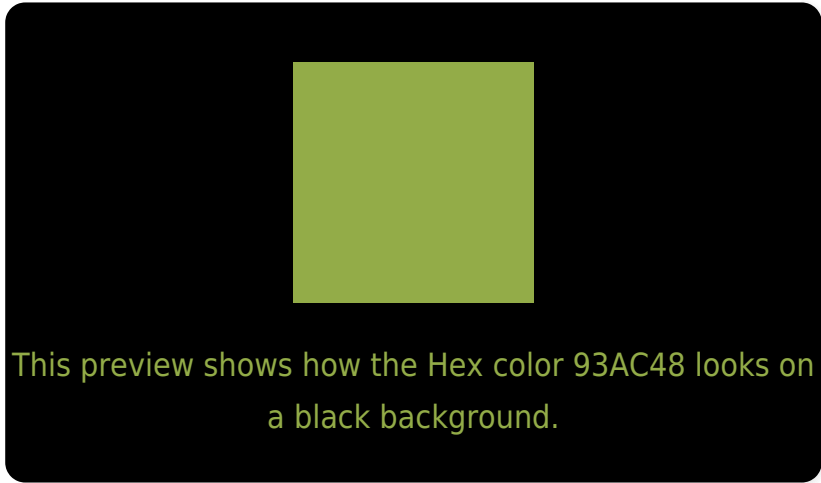
Large Text (above 18pt) WCAG AA × Fail

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 93AC48 Background



This preview shows how black text looks on a background with the Hex color 93AC48.

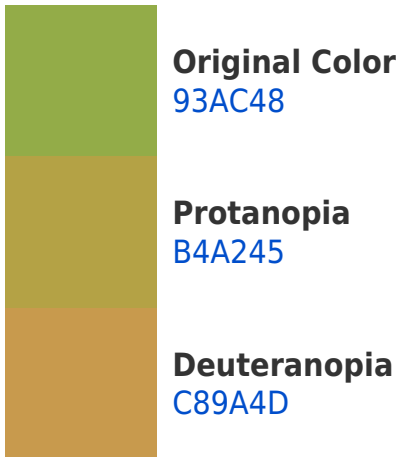


This preview shows how white text looks on a background with the Hex color 93AC48.

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](#).

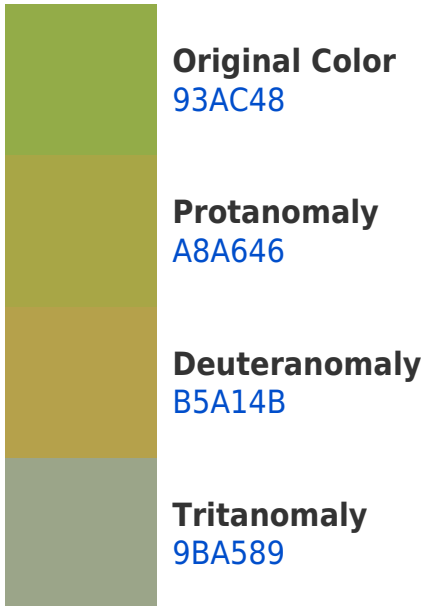
Dichromacy



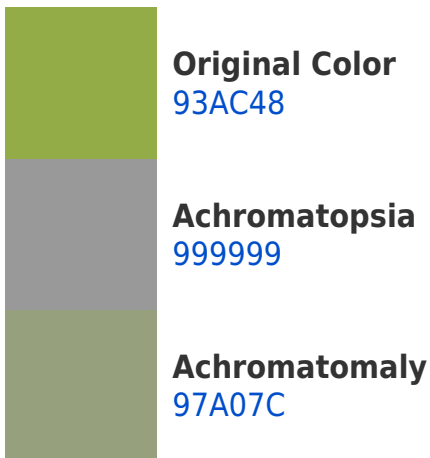


Tritanopia
9FA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93AC48 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 #93AC48 looks like.

```
.text, #text, p{  
    color:#93AC48  
}
```

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 #93AC48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AC48
}
```

Border

The CSS property to change the border of an element to Hex 93AC48 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
#93AC48 }
```

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

```
.border{ border-color:#93AC48 }
```

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

Here you see how a box with a 4 pixel #93AC48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AC48; -webkit-box-shadow:4px 4px  
4px 4px #93AC48; box-shadow:4px 4px 4px  
4px #93AC48 }
```

Background

The CSS property to change the background color of an element to Hex 93AC48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AC48 }
```

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

```
.background{ background-color:#93AC48 }
```

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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