

# Converting Colors

Hex(93A542)

Have a look what the booklet for  
Hex(93A542) contains.

<b>Hex(93A542)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(93A542)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93A542
RGB	147, 165, 66
RGB Percent	58%, 65%, 26%
CMY	0.4235, 0.3529, 0.7412
CMYK	0.11, 0.00, 0.60, 0.35
HSL	71°, 43%, 45%
HSV	71°, 60%, 65%
XYZ	26.4711, 33.5067, 10.2265
YIQ	148.3320, 21.0510, -34.6050

# Conversions

## Conversions Part 2

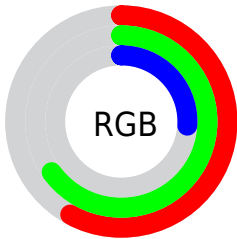
Format	Color
<a href="#">RYB</a>	66, 165, 84
Decimal	9676098
CIELab	64.57, -20.76, 48.00
CIELCh	65, 52.296, 113.385
Yxy	33.5067, 0.3771, 0.4773
Android (android.graphics.Color)	4287866178 (0xFF93A542)
YUV	148.3320, -40.5897, -1.1682
Hunter-Lab	57.8849, -19.6695, 30.0447

# Details

The Hex color **93A542** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5442A5**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CBDC76**, and **5E7109** is the 20% darker color. If you saturate the color by 10%, you get **90A532**, and if you desaturate by 10%, it is **96A552**.

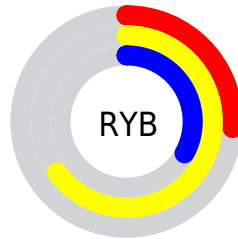
# Distribution



Red (58%)

Green (65%)

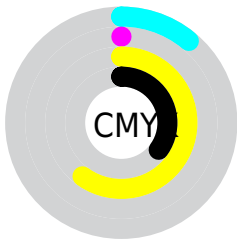
Blue (26%)



Red (26%)

Yellow (65%)

Blue (33%)

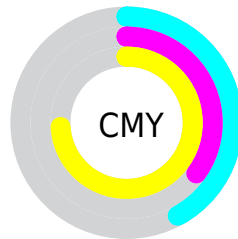


Cyan (11%)

Magenta (0%)

Yellow (60%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93A542 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 93A542 by changing the saturation by 10% instead.



 93A542

 93A542

FFFFFF

 788B28

 CBDC76

 5E7109


 E8F990

 445900

 FFFFAC

 2B4100

 FFFFC8

 112B00

 FFFFE4

 001900

 000000

 93A542

 93A542

 90A532

 96A552

■ 8DA521

■ 99A563

■ 8AA510

■ 9CA573

■ 87A500

■ 9FA584

■ A2A594

■ A5A5A5

■ A8A5B6

■ ABA5C6

■ AEA5D6

# Harmonies

## Analogous

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



C0973C



93A542



5AAE63

# Triad

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



93A542



00AFE7



ED75A9

# Complementary

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



93A542



5442A5

# 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.



CC82D5



93A542



00A5F9

# Square

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



93A542



00B4C0



8E94F3



F3777A

# Rectangle

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



93A542



08B280



8E94F3



E578B9



# Sweetspot

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



93A542



CFD6B0



A55242



676B54



EBEBEB



6B6B6B



# Same Dimension

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



93A542



BAD63C



63A542



505249



779100



0F1200



# Inverse Universe

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



5442A5



583CD6



8442A5



4B4952



1A0091



030012



# Previews

## White Background



This preview shows how the Hex color 93A542 looks on a white background.

## Color Contrast Check

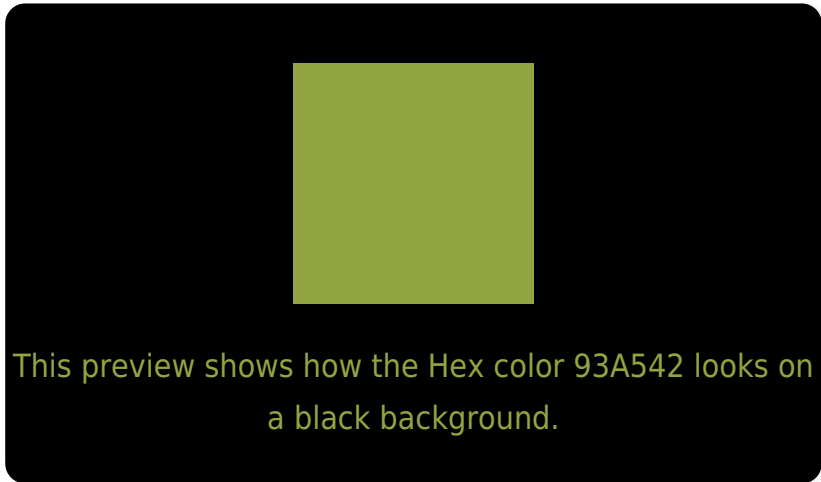
Large Text (above 18pt) WCAG AA × Fail

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 93A542 Background



This preview shows how black text looks on a background with the Hex color 93A542.



This preview shows how white text looks on a background with the Hex color 93A542.

# 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**  
93A542

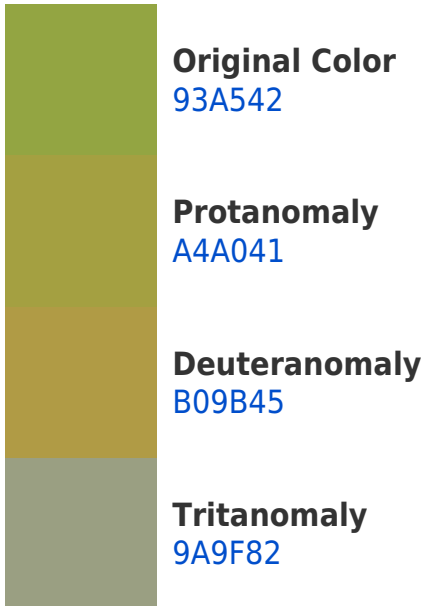
**Protanopia**  
AE9D40

**Deuteranopia**  
C19547

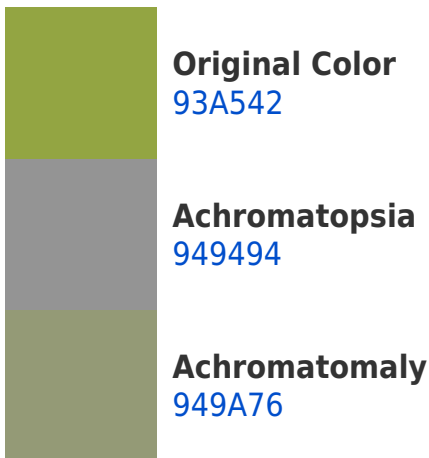


**Tritanopia**  
9E9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93A542 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 #93A542 looks like.

```
.text, #text, p{  
    color:#93A542  
}
```

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 #93A542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A542
}
```

## Border

The CSS property to change the border of an element to Hex 93A542 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
#93A542 }
```

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

```
.border{ border-color:#93A542 }
```

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

Here you see how a box with a 4 pixel #93A542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A542; -webkit-box-shadow:4px 4px  
4px 4px #93A542; box-shadow:4px 4px 4px  
4px #93A542 }
```

# Background

The CSS property to change the background color of an element to Hex 93A542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A542 }
```

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

```
.background{ background-color:#93A542 }
```

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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