

# Converting Colors

Hex(94C43A)

Have a look what the booklet for  
Hex(94C43A) contains.

<b>Hex(94C43A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(94C43A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94C43A
RGB	148, 196, 58
RGB Percent	58%, 77%, 23%
CMY	0.4196, 0.2314, 0.7725
CMYK	0.24, 0.00, 0.70, 0.23
HSL	81°, 54%, 50%
HSV	81°, 70%, 77%
XYZ	32.7164, 46.0812, 11.1732
YIQ	165.9160, 15.6900, -53.0940

# Conversions

## Conversions Part 2

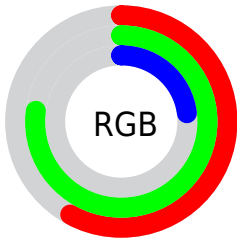
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 196, 106
Decimal	9749562
CIELab	73.60, -35.79, 60.85
CIELCh	74, 70.589, 120.463
Yxy	46.0812, 0.3636, 0.5122
Android (android.graphics.Color)	4287939642 (0xFF94C43A)
YUV	165.9160, -53.2026, -15.7123
Hunter-Lab	67.8832, -32.7672, 37.7594

# Details

The Hex color **94C43A** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6A3AC4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CDFD71**, and **5D8E00** is the 20% darker color. If you saturate the color by 10%, you get **8DC426**, and if you desaturate by 10%, it is **9BC44E**.

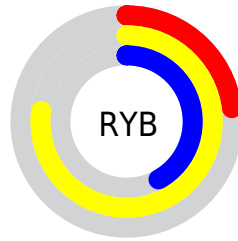
# Distribution



Red (58%)

Green (77%)

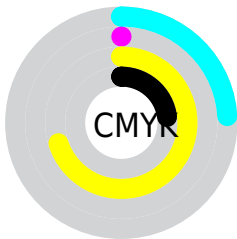
Blue (23%)



Red (23%)

Yellow (77%)

Blue (42%)

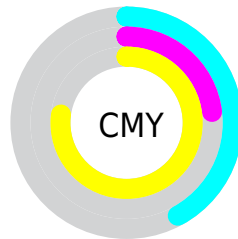


Cyan (24%)

Magenta (0%)

Yellow (70%)

Black (23%)



Cyan (42%)

Magenta (23%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94C43A 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 94C43A by changing the saturation by 10% instead.





94C43A



94C43A

FFFFFF



78A91A



CDFD71



5D8E00



EBFF8D



417400



FFFFA9



255B00



FFFFC5



004300



FFFFE2



002D00



001500



000000



94C43A



94C43A

 8DC426

 9BC44E

 86C413

 A2C461

 80C400

 A8C475

 AFC488

 B6C49C

 BDC4B0

 C4C4C3

 CBC4D7

 D1C4EA

# Harmonies

## Analogous

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



D5B221



94C43A



26CF72

# Triad

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



94C43A



00CCFF



FF76B7

# Complementary

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



94C43A



6A3AC4

# 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.



FF87F6



94C43A



00BCFF

# Square

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



94C43A



00D3F5



B6A3FF



FF8077

# Rectangle

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



94C43A



00D29D



B6A3FF



FF79CC



# Sweetspot

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



94C43A



ECFFC9



C4683A



748060



000000



808080



# Same Dimension

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



94C43A



B4FF29



51C43A



5E6157



69A100



162100



# Inverse Universe

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



6A3AC4



7329FF



AD3AC4



5B5761



3800A1



0C0021



# Previews

## White Background



This preview shows how the Hex color 94C43A looks on a white background.

## Color Contrast Check

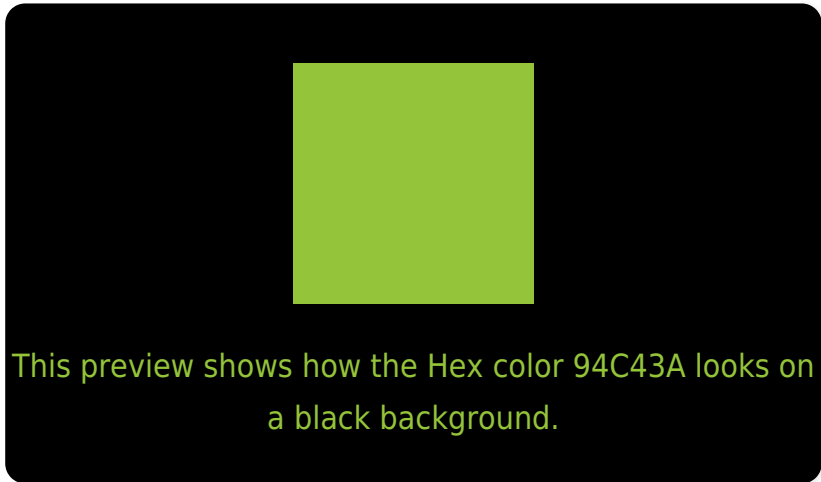
Large Text (above 18pt) WCAG AA × Fail

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 94C43A Background



This preview shows how black text looks on a background with the Hex color 94C43A.

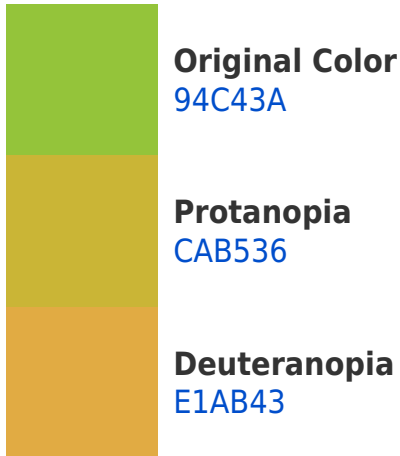


This preview shows how white text looks on a background with the Hex color 94C43A.

# 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](#).

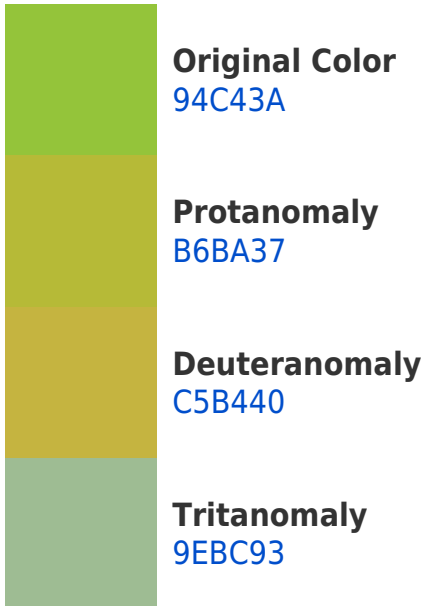
## Dichromacy



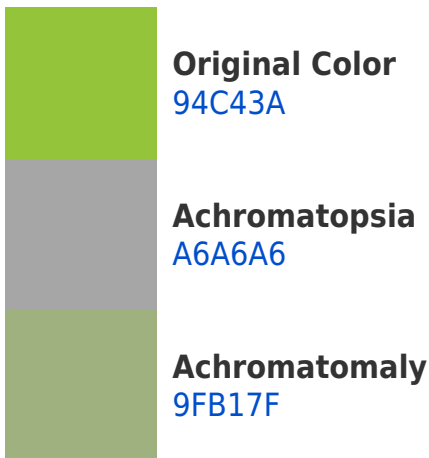


**Tritanopia**  
A4B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94C43A 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 #94C43A looks like.

```
.text, #text, p{  
    color:#94C43A  
}
```

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 #94C43A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C43A
}
```

## Border

The CSS property to change the border of an element to Hex 94C43A 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
#94C43A }
```

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

```
.border{ border-color:#94C43A }
```

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

Here you see how a box with a 4 pixel #94C43A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C43A; -webkit-box-shadow:4px 4px  
4px 4px #94C43A; box-shadow:4px 4px 4px  
4px #94C43A }
```

# Background

The CSS property to change the background color of an element to Hex 94C43A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C43A }
```

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

```
.background{ background-color:#94C43A }
```

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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