

# Converting Colors

Hex(94C538)

Have a look what the booklet for  
Hex(94C538) contains.

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**Color**

**Hex(94C538)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 94C538                      |
| RGB         | 148, 197, 56                |
| RGB Percent | 58%, 77%, 22%               |
| CMY         | 0.4196, 0.2275, 0.7804      |
| CMYK        | 0.25, 0.00, 0.72, 0.23      |
| HSL         | 81°, 56%, 50%               |
| HSV         | 81°, 72%, 77%               |
| XYZ         | 32.8928, 46.5139, 10.9858   |
| YIQ         | 166.2750, 16.0570, -54.2390 |

# Conversions

## Conversions Part 2

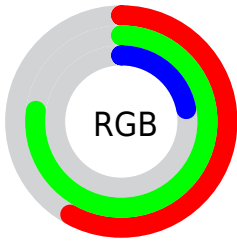
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 56, 197, 105                    |
| Decimal                             | 9749816                         |
| CIELab                              | 73.88, -36.36, 61.85            |
| CIElCh                              | 74, 71.751, 120.451             |
| Yxy                                 | 46.5139, 0.3639,<br>0.5146      |
| Android<br>(android.graphics.Color) | 4287939896<br>(0xFF94C538)      |
| YUV                                 | 166.2750, -54.3656,<br>-16.0272 |
| Hunter-Lab                          | 68.2011, -33.2630,<br>38.1904   |

# Details

The Hex color **94C538** 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 **6938C5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CDFE70**, and **5C8F00** is the 20% darker color. If you saturate the color by 10%, you get **8DC524**, and if you desaturate by 10%, it is **9BC54C**.

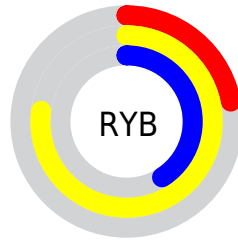
# Distribution



Red (58%)

Green (77%)

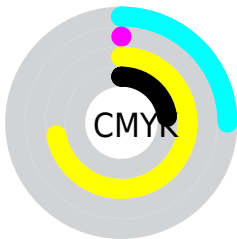
Blue (22%)



Red (22%)

Yellow (77%)

Blue (41%)

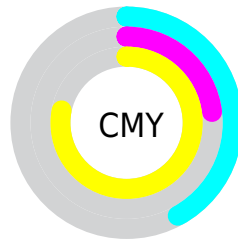


Cyan (25%)

Magenta (0%)

Yellow (72%)

Black (23%)



Cyan (42%)

Magenta (23%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94C538 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 94C538 by changing the saturation by 10% instead.



 94C538

 94C538

FFFFFF

 78AA17

 CDFE70

 5C8F00

 EBFF8B

 417500

 FFFFA7

 255C00

 FFFFC3

 004400

 FFFFEO

 002D00

FFFFFFE

 001600

 000000

 94C538

 94C538

 8DC524

 9BC54C

 86C511

 A2C55F

 81C500

 A9C573

 AFC587

 B6C59B

 BDC5AE

 C4C5C2

 CBC5D6

 D2C5E9

# Harmonies

## Analogous

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



D6B31D



94C538



20D071

# Triad

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



94C538



00CFFF



FF66B7

# Complementary

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



94C538



6938C5

# 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.



FF87F8



94C538



00BDFE

# Square

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



94C538



00D4F7



B6A4FF



FF7F77

# Rectangle

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



94C538



00D49E



B6A4FF



FF79CE

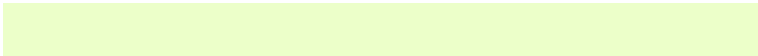


# Sweetspot

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



94C538



ECFFC9



C56738



748060



000000



808080



# Same Dimension

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



94C538



B3FF24



4FC538



60635A



6AA300



172400



# Inverse Universe

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



6938C5



7024FF



AE38C5



5D5A63



3900A3



0C0024



# Previews

## White Background



This preview shows how the Hex color 94C538 looks on a white background.

## Color Contrast Check

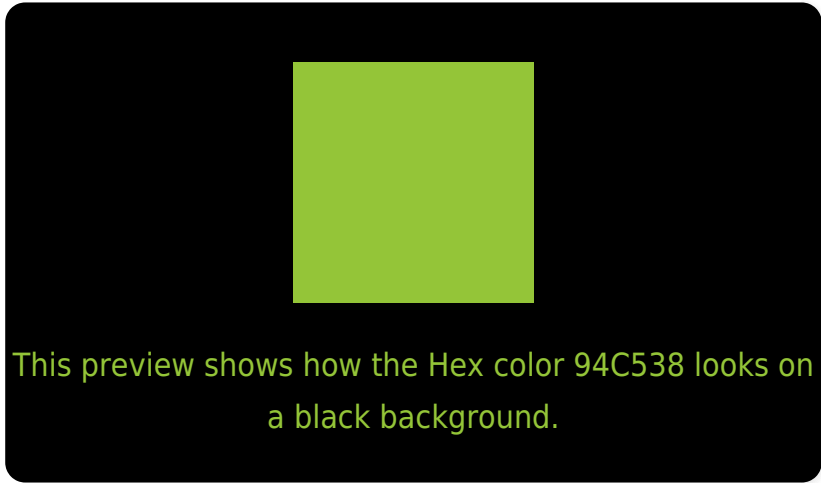
Large Text (above 18pt) WCAG AA × Fail

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 94C538 Background



This preview shows how black text looks on a background with the Hex color 94C538.

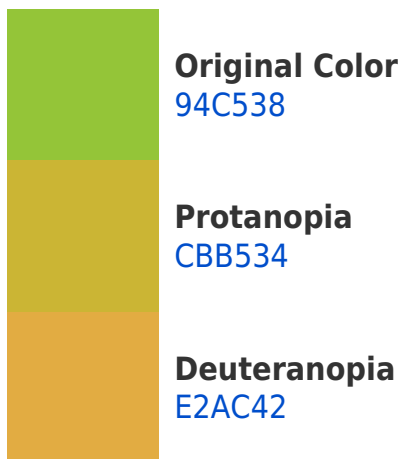


This preview shows how white text looks on a background with the Hex color 94C538.

# 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](#).

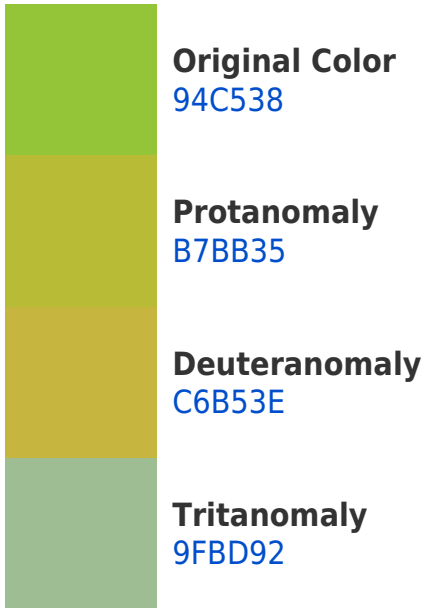
## Dichromacy



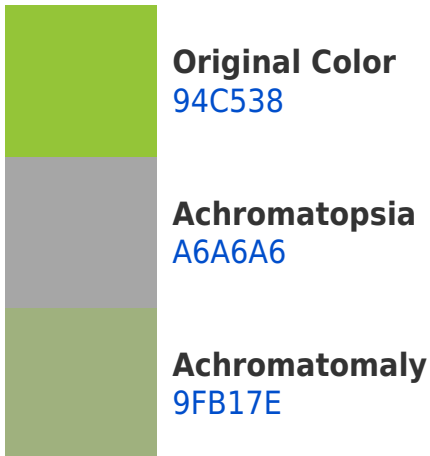


**Tritanopia**  
A5B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94C538 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 #94C538 looks like.

```
.text, #text, p{  
    color:#94C538  
}
```

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 #94C538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C538
}
```

## Border

The CSS property to change the border of an element to Hex 94C538 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
#94C538 }
```

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

```
.border{ border-color:#94C538 }
```

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

Here you see how a box with a 4 pixel #94C538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C538; -webkit-box-shadow:4px 4px  
4px 4px #94C538; box-shadow:4px 4px 4px  
4px #94C538 }
```

# Background

The CSS property to change the background color of an element to Hex 94C538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C538 }
```

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

```
.background{ background-color:#94C538 }
```

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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