

Converting Colors

Hex(94A44C)

Have a look what the booklet for
Hex(94A44C) contains.

Hex(94A44C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94A44C)

Conversions

Conversions Part 1

Format	Color
Hex	94A44C
RGB	148, 164, 76
RGB Percent	58%, 64%, 30%
CMY	0.4196, 0.3569, 0.7020
CMYK	0.10, 0.00, 0.54, 0.36
HSL	71°, 37%, 47%
HSV	71°, 54%, 64%
XYZ	26.7927, 33.3686, 11.8661
YIQ	149.1840, 18.7120, -30.7600

Conversions

Conversions Part 2

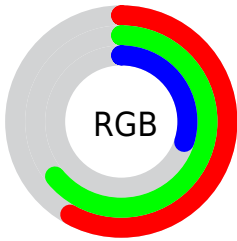
Format	Color
RYB	76, 164, 92
Decimal	9741388
CIELab	64.46, -18.96, 43.19
CIElCh	64, 47.169, 113.704
Yxy	33.3686, 0.3720, 0.4633
Android (android.graphics.Color)	4287931468 (0xFF94A44C)
YUV	149.1840, -36.0797, -1.0384
Hunter-Lab	57.7656, -18.2983, 28.2566

Details

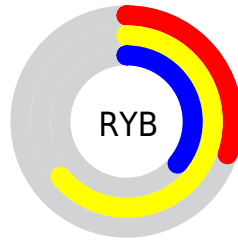
The Hex color **94A44C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5C4CA4**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CCDB7F**, and **5F7019** is the 20% darker color. If you saturate the color by 10%, you get **91A43C**, and if you desaturate by 10%, it is **97A45C**.

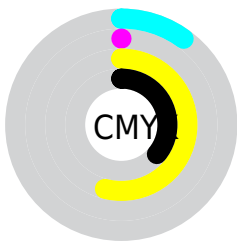
Distribution



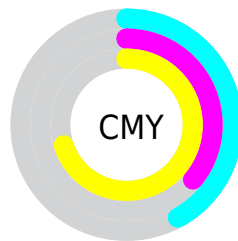
- Red (58%)
- Green (64%)
- Blue (30%)



- Red (30%)
- Yellow (64%)
- Blue (36%)



- Cyan (10%)
- Magenta (0%)
- Yellow (54%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94A44C 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 94A44C by changing the saturation by 10% instead.



94A44C



94A44C

FFFFFF



798A33



CCDB7F



5F7019



E8F79A



465800



FFFFB6



2E4000



FFFFD2



142A00



FFFEE



001800



000000



94A44C



94A44C



91A43C



97A45C

 8EA42B

 9AA46D

 8BA41B

 9DA47D

 88A40A

 A0A48E

 86A400

 A3A49E

 A6A4AE

 A9A4BF

 ACA4CF

 AFA4E0

Harmonies

Analogous

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



BD9746



94A44C



61AD69

Triad

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



94A44C



00ADDF



E67AA7

Complementary

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



94A44C



5C4CA4

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.



C884CF



94A44C



35A3F0

Square

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



94A44C



00B1BD



9195E9



EB7B7D

Rectangle

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



94A44C



2FB083



9195E9



DE7CB5

Sweetspot

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



94A44C



D0D6B4



A45B4C



676B57



EBEBEB



6B6B6B

Same Dimension

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



94A44C



BDD64D



69A44C



505249



779100



0F1200

Inverse Universe

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



5C4CA4



664DD6



874CA4



4B4952



1A0091



030012

Previews

White Background



This preview shows how the Hex color 94A44C looks on a white background.

Color Contrast Check

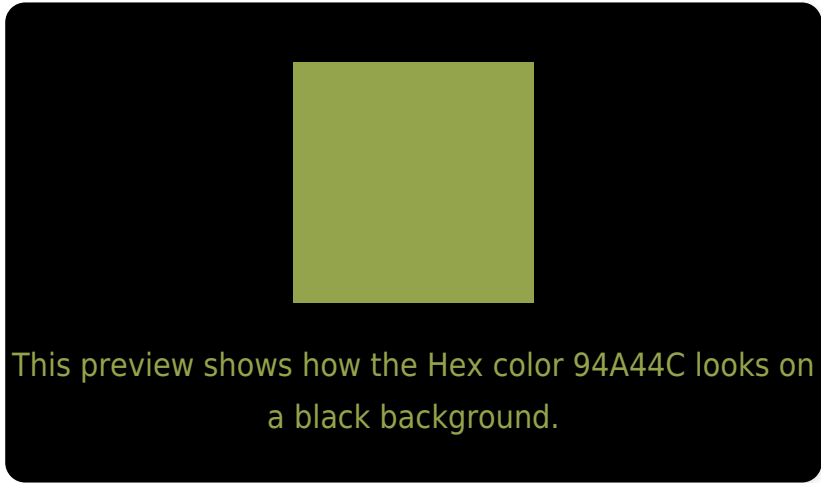
Large Text (above 18pt) WCAG AA × Fail

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 94A44C Background



This preview shows how black text looks on a background with the Hex color 94A44C.



This preview shows how white text looks on a background with the Hex color 94A44C.

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
94A44C

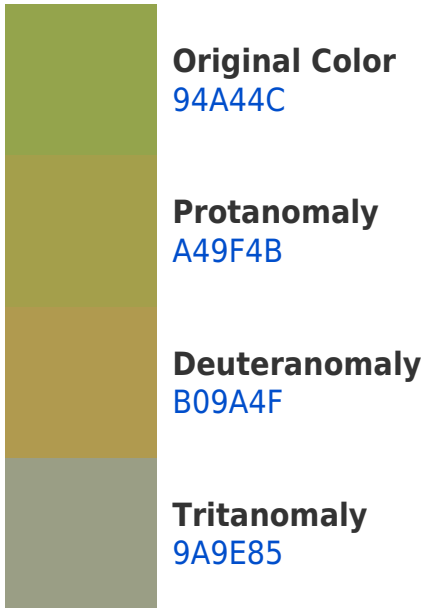
Protanopia
AD9C4A

Deuteranopia
C09550



Tritanopia
9E9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94A44C 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 #94A44C looks like.

```
.text, #text, p{  
    color:#94A44C  
}
```

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 #94A44C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A44C
}
```

Border

The CSS property to change the border of an element to Hex 94A44C 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
#94A44C }
```

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

```
.border{ border-color:#94A44C }
```

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

Here you see how a box with a 4 pixel #94A44C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A44C; -webkit-box-shadow:4px 4px  
4px 4px #94A44C; box-shadow:4px 4px 4px  
4px #94A44C }
```

Background

The CSS property to change the background color of an element to Hex 94A44C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A44C }
```

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

```
.background{ background-color:#94A44C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor