

# Converting Colors

Hex(94A64E)

Have a look what the booklet for  
Hex(94A64E) contains.

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**Color**

**Hex(94A64E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94A64E
RGB	148, 166, 78
RGB Percent	58%, 65%, 31%
CMY	0.4196, 0.3490, 0.6941
CMYK	0.11, 0.00, 0.53, 0.35
HSL	72°, 36%, 48%
HSV	72°, 53%, 65%
XYZ	27.2241, 34.1184, 12.3584
YIQ	150.5860, 17.5200, -31.1840

# Conversions

## Conversions Part 2

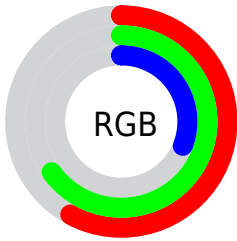
Format	Color
<a href="#">RYB</a>	<a href="#">78, 166, 96</a>
Decimal	<a href="#">9741902</a>
CIELab	<a href="#">65.06, -19.79, 42.92</a>
CIELCh	<a href="#">65, 47.261, 114.755</a>
Yxy	<a href="#">34.1184, 0.3694, 0.4629</a>
Android (android.graphics.Color)	<a href="#">4287931982 (0xFF94A64E)</a>
YUV	<a href="#">150.5860, -35.7849, -2.2679</a>
Hunter-Lab	<a href="#">58.4110, -19.0241, 28.3433</a>

# Details

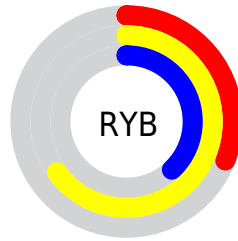
The Hex color **94A64E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **604EA6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CCDD81**, and **5F721B** is the 20% darker color. If you saturate the color by 10%, you get **91A63D**, and if you desaturate by 10%, it is **97A65F**.

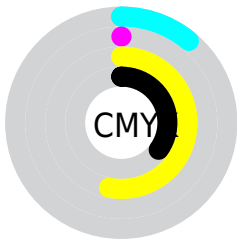
# Distribution



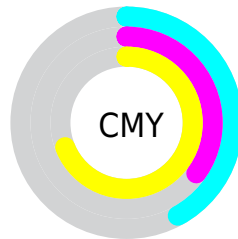
- Red (58%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (38%)



- Cyan (11%)
- Magenta (0%)
- Yellow (53%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94A64E 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 94A64E by changing the saturation by 10% instead.





94A64E



94A64E

FFFFFF



798C35



CCDD81



5F721B



E8FA9C



465A00



FFFFB8



2E4200



FFFFD4



142C00



FFFFF0



001A00



000000



94A64E



94A64E



91A63D



97A65F

 8DA62D

 9BA66F

 8AA61C

 9EA680

 86A60C

 A2A690

 84A600

 A5A6A1

 A8A6B2

 ACA6C2

 AFA6D3

 B3A6E3

# Harmonies

## Analogous

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



BD9947



94A64E



61AF6B

# Triad

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



94A64E



00AEE2



E87BA7

# Complementary

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



94A64E



604EA6

# 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.



CB85CF



94A64E



3CA5F2

# Square

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



94A64E



00B3C0



9596EB



ED7D7D

# Rectangle

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



94A64E



2DB286



9596EB



E17DB5



# Sweetspot

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



94A64E



D2D9B6



A6604E



696E59



EDEDED



6E6E6E



# Same Dimension

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



94A64E



BCD94E



68A64E



52544C



769400



101400



# Inverse Universe

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



604EA6



6A4ED9



8C4EA6



4D4C54



1E0094



040014



# Previews

## White Background



This preview shows how the Hex color 94A64E looks on a white background.

## Color Contrast Check

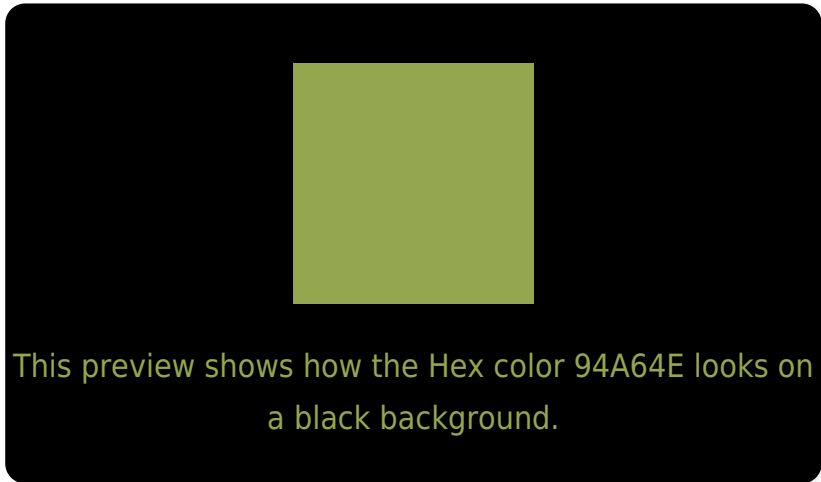
Large Text (above 18pt) WCAG AA × Fail

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 94A64E Background



This preview shows how black text looks on a background with the Hex color 94A64E.



This preview shows how white text looks on a background with the Hex color 94A64E.

# 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**  
94A64E

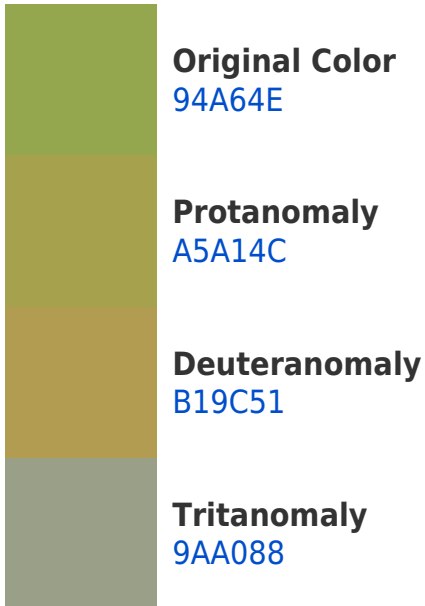
**Protanopia**  
AF9E4B

**Deuteranopia**  
C19652

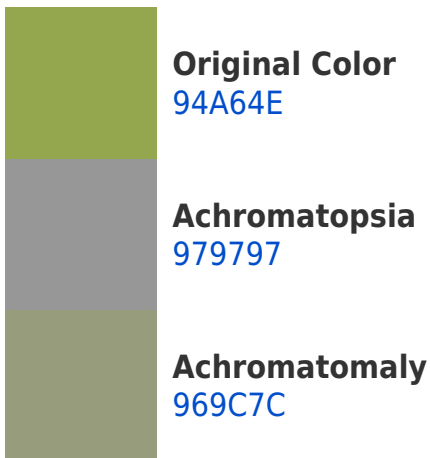


**Tritanopia**  
9E9CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94A64E 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 #94A64E looks like.

```
.text, #text, p{  
    color:#94A64E  
}
```

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 #94A64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A64E
}
```

## Border

The CSS property to change the border of an element to Hex 94A64E 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
#94A64E }
```

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

```
.border{ border-color:#94A64E }
```

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

Here you see how a box with a 4 pixel #94A64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A64E; -webkit-box-shadow:4px 4px  
4px 4px #94A64E; box-shadow:4px 4px 4px  
4px #94A64E }
```

# Background

The CSS property to change the background color of an element to Hex 94A64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A64E }
```

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

```
.background{ background-color:#94A64E }
```

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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