

# Converting Colors

Hex(94A871)

Have a look what the booklet for  
Hex(94A871) contains.

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**Color**

**Hex(94A871)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94A871
RGB	148, 168, 113
RGB Percent	58%, 66%, 44%
CMY	0.4196, 0.3412, 0.5569
CMYK	0.12, 0.00, 0.33, 0.34
HSL	82°, 24%, 55%
HSV	82°, 33%, 66%
XYZ	29.1960, 35.4934, 20.9349
YIQ	155.7500, 5.7350, -21.3450

# Conversions

## Conversions Part 2

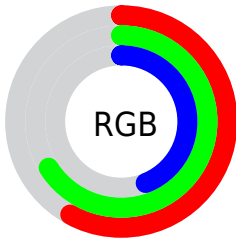
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 168, 133</a>
Decimal	<a href="#">9742449</a>
CIELab	<a href="#">66.13, -16.65, 26.17</a>
CIELCh	<a href="#">66, 31.018, 122.463</a>
Yxy	<a href="#">35.4934, 0.3410, 0.4145</a>
Android (android.graphics.Color)	<a href="#">4287932529 (0xFF94A871)</a>
YUV	<a href="#">155.7500, -21.0757, -6.7968</a>
Hunter-Lab	<a href="#">59.5764, -16.7828, 20.8692</a>

# Details

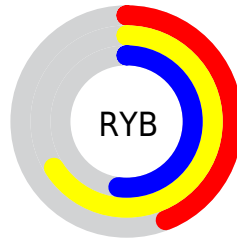
The Hex color **94A871** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8571A8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CBDFA5**, and **607440** is the 20% darker color. If you saturate the color by 10%, you get **8EA860**, and if you desaturate by 10%, it is **9AA882**.

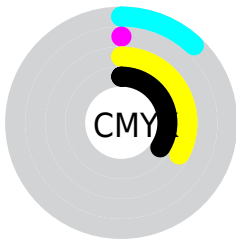
# Distribution



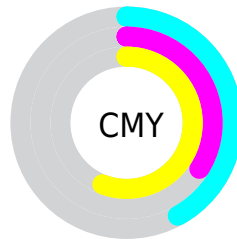
- Red (58%)
- Green (66%)
- Blue (44%)



- Red (44%)
- Yellow (66%)
- Blue (52%)



- Cyan (12%)
- Magenta (0%)
- Yellow (33%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94A871 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 94A871 by changing the saturation by 10% instead.





94A871



94A871

FFFFFF



7A8E58



CBDFA5



607440



E7FCC1



485B29



FFFFDD



304413



FFFFF9



1C2D00



001A00



000000



94A871



94A871



8EA860



9AA882

 88A84F

 A0A893

 82A83F

 A6A8A3

 7CA82E

 ACA8B4

 75A81D

 B3A8C5

 6FA80C

 B9A8D6

 6BA800

 BFA8E7

 C5A8F7

 CBA8FF

# Harmonies

## Analogous

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



B2A069



94A871



73AE86

# Triad

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



94A871



55AAD1



D68C9F

# Complementary

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



94A871



8571A8

# 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.



C690BB



94A871



7FA3D8

# Square

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



94A871



42AFBE



A799D0



D78E84

# Rectangle

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



94A871



5DB098



A799D0



D38CA9



# Sweetspot

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



94A871



D3DBC5



A88471



696E60



EDEDED



6E6E6E



# Same Dimension

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



94A871



BCDB86



79A871



51544C



5E9400



0D1400



# Inverse Universe

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



8571A8



A586DB



A071A8



4F4C54



360094



070014



# Previews

## White Background



This preview shows how the Hex color 94A871 looks on a white background.

## Color Contrast Check

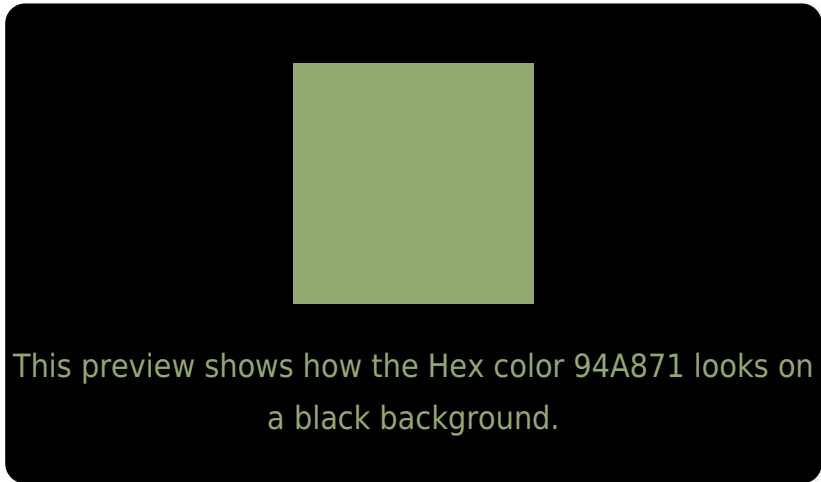
Large Text (above 18pt) WCAG AA × Fail

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

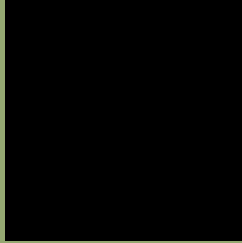
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94A871 Background



This preview shows how black text looks on a background with the Hex color 94A871.

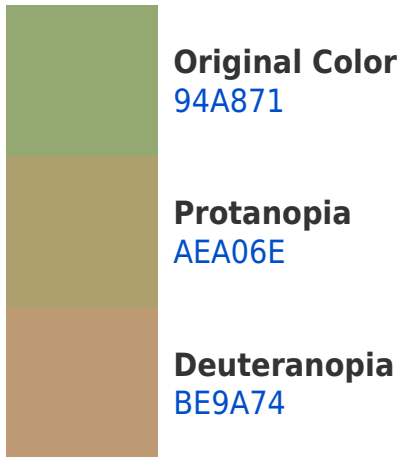


This preview shows how white text looks on a background with the Hex color 94A871.

# 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](#).

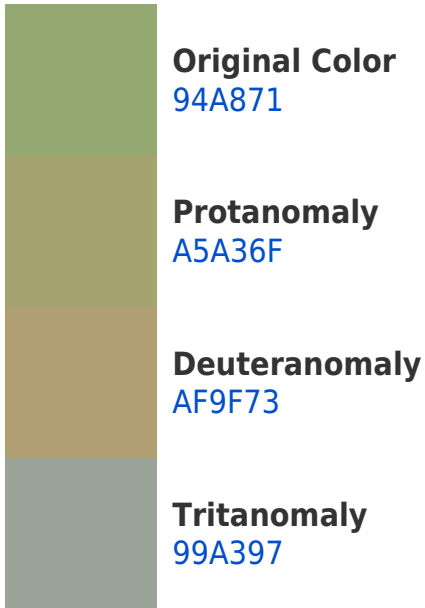
## Dichromacy





**Tritanopia**  
9CA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94A871 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 #94A871 looks like.

```
.text, #text, p{  
    color:#94A871  
}
```

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 #94A871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A871
}
```

## Border

The CSS property to change the border of an element to Hex 94A871 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
#94A871 }
```

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

```
.border{ border-color:#94A871 }
```

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

Here you see how a box with a 4 pixel #94A871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A871; -webkit-box-shadow:4px 4px  
4px 4px #94A871; box-shadow:4px 4px 4px  
4px #94A871 }
```

# Background

The CSS property to change the background color of an element to Hex 94A871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A871 }
```

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

```
.background{ background-color:#94A871 }
```

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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