

# Converting Colors

Hex(93A574)

Have a look what the booklet for  
Hex(93A574) contains.

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# **Color**

**Hex(93A574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93A574
RGB	147, 165, 116
RGB Percent	58%, 65%, 45%
CMY	0.4235, 0.3529, 0.5451
CMYK	0.11, 0.00, 0.30, 0.35
HSL	82°, 21%, 55%
HSV	82°, 30%, 65%
XYZ	28.6401, 34.3743, 21.6484
YIQ	154.0320, 5.0010, -19.0550

# Conversions

## Conversions Part 2

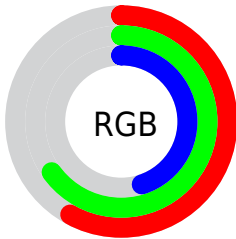
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 165, 134
Decimal	9676148
CIELab	65.26, -15.04, 23.37
CIELCh	65, 27.793, 122.770
Yxy	34.3743, 0.3383, 0.4060
Android (android.graphics.Color)	4287866228 (0xFF93A574)
YUV	154.0320, -18.7498, -6.1671
Hunter-Lab	58.6296, -15.4057, 19.1484

# Details

The Hex color **93A574** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8674A5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C9DCA8**, and **607143** is the 20% darker color. If you saturate the color by 10%, you get **8DA563**, and if you desaturate by 10%, it is **99A584**.

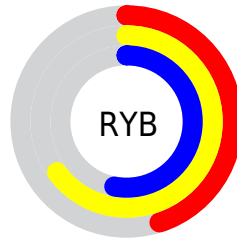
# Distribution



Red (58%)

Green (65%)

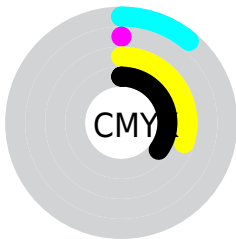
Blue (45%)



Red (45%)

Yellow (65%)

Blue (53%)

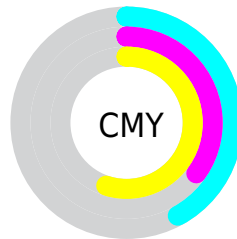


Cyan (11%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93A574 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 93A574 by changing the saturation by 10% instead.





93A574



93A574

FFFFFF



798B5B



C9DCA8



607143



E6F9C4



47592C



FFFFE0



304117



FFFFFC



1B2B00



001800



000000



93A574



93A574



8DA563



99A584

 87A553

 9FA595

 81A542

 A5A5A5

 7BA532

 ABA5B6

 75A521

 B1A5C7

 6FA511

 B7A5D7

 69A500

 BDA5E7

 68A500

 C3A5F8

 CAA5FF

# Harmonies

## Analogous

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



AE9E6D



93A574



76AA87

# Triad

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



93A574



5FA7CA



CF8C9D

# Complementary

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



93A574



8674A5

# 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.



C08FB6



93A574



82A0D0

# Square

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



93A574



4FABB8



A597C8



CF8E85

# Rectangle

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



93A574



64AC97



A597C8



CB8CA5



# Sweetspot

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



93A574



CFD6C3



A58674



676B5F



EBEBEB



6B6B6B



# Same Dimension

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



93A574



BAD689



7BA574



4F5249



5C9100



0B1200



# Inverse Universe

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



8674A5



A589D6



9E74A5



4C4952



350091



070012



# Previews

## White Background



This preview shows how the Hex color 93A574 looks on a white background.

## Color Contrast Check

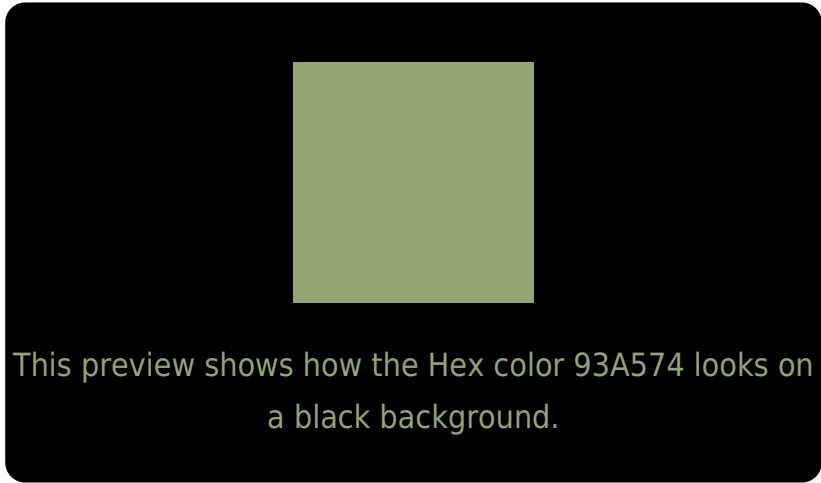
Large Text (above 18pt) WCAG AA × Fail

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

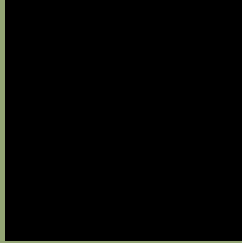
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93A574 Background



This preview shows how black text looks on a background with the Hex color 93A574.



This preview shows how white text looks on a background with the Hex color 93A574.

# 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**  
93A574

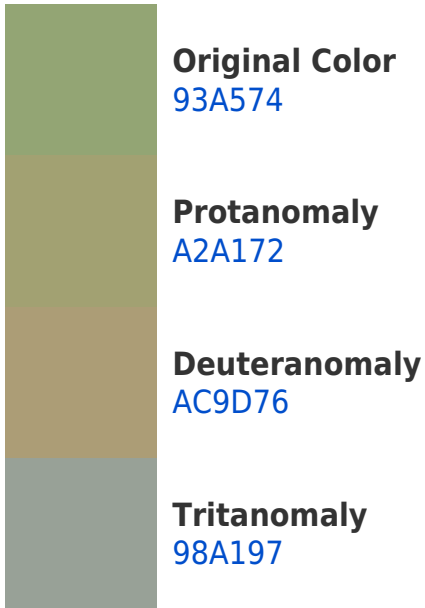
**Protanopia**  
AA9E71

**Deuteranopia**  
BA9877

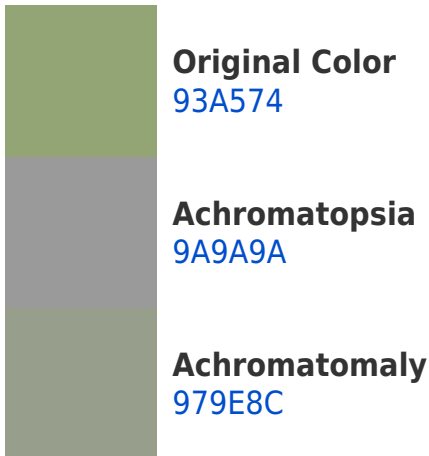


**Tritanopia**  
9B9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93A574 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 #93A574 looks like.

```
.text, #text, p{  
    color:#93A574  
}
```

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 #93A574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A574
}
```

## Border

The CSS property to change the border of an element to Hex 93A574 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
#93A574 }
```

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

```
.border{ border-color:#93A574 }
```

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

Here you see how a box with a 4 pixel #93A574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A574; -webkit-box-shadow:4px 4px  
4px 4px #93A574; box-shadow:4px 4px 4px  
4px #93A574 }
```

# Background

The CSS property to change the background color of an element to Hex 93A574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A574 }
```

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

```
.background{ background-color:#93A574 }
```

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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