

# Converting Colors

Hex(91A46F)

Have a look what the booklet for  
Hex(91A46F) contains.

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**Color**

**Hex(91A46F)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 91A46F                     |
| RGB         | 145, 164, 111              |
| RGB Percent | 57%, 64%, 44%              |
| CMY         | 0.4314, 0.3569, 0.5647     |
| CMYK        | 0.12, 0.00, 0.32, 0.36     |
| HSL         | 82°, 23%, 54%              |
| HSV         | 82°, 32%, 64%              |
| XYZ         | 27.8218, 33.7184, 20.0809  |
| YIQ         | 152.2770, 5.6890, -20.5110 |

# Conversions

## Conversions Part 2

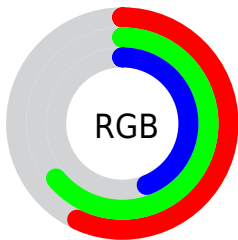
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 111, 164, 130                  |
| Decimal                             | 9544815                        |
| CIELab                              | 64.74, -16.03, 25.36           |
| CIELCh                              | 65, 30.000, 122.287            |
| Yxy                                 | 33.7184, 0.3409,<br>0.4131     |
| Android<br>(android.graphics.Color) | 4287734895<br>(0xFF91A46F)     |
| YUV                                 | 152.2770, -20.3496,<br>-6.3819 |
| Hunter-Lab                          | 58.0675, -16.0938,<br>20.1436  |

# Details

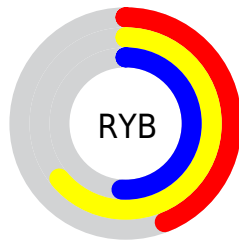
The Hex color **91A46F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **826FA4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C7DBA3**, and **5E703E** is the 20% darker color. If you saturate the color by 10%, you get **8BA45F**, and if you desaturate by 10%, it is **97A47F**.

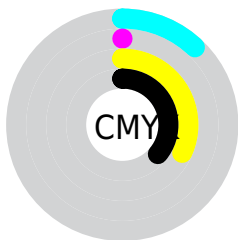
# Distribution



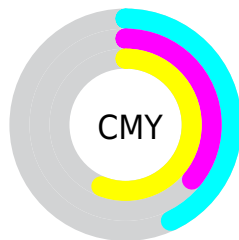
- Red (57%)
- Green (64%)
- Blue (44%)



- Red (44%)
- Yellow (64%)
- Blue (51%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (36%)



- Cyan (43%)
- Magenta (36%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A46F 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 91A46F by changing the saturation by 10% instead.





91A46F



91A46F

FFFFFF



778A56



C7DBA3



5E703E



E4F8BE



455828



FFFFDA



2E4012



FFFFFF7



1A2A00



001700



000000



91A46F



91A46F



8BA45F



97A47F

 85A44E

 9DA490

 7FA43E

 A3A4A0

 79A42D

 A9A4B1

 74A41D

 AEA4C1

 6EA40D

 B4A4D1

 69A400

 BAA4E2

 C0A4F2

 C6A4FF

# Harmonies

## Analogous

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



AE9C67



91A46F



72A983

# Triad

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



91A46F



55A6CC



D0899C

# Complementary

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



91A46F



826FA4

# 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.



C18DB6



91A46F



7C9FD2

# Square

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



91A46F



43ABB9



A395CA



D18B82

# Rectangle

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



91A46F



5DAB95



A395CA



CD89A5



# Sweetspot

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



91A46F



CFD6C1



A4826F



666B5E



EBEBEB



6B6B6B



# Same Dimension

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



91A46F



B8D683



77A46F



4F5249



5D9100



0B1200



# Inverse Universe

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



826FA4



A183D6



9C6FA4



4C4952



340091



060012



# Previews

## White Background



This preview shows how the Hex color 91A46F looks on a white background.

## Color Contrast Check

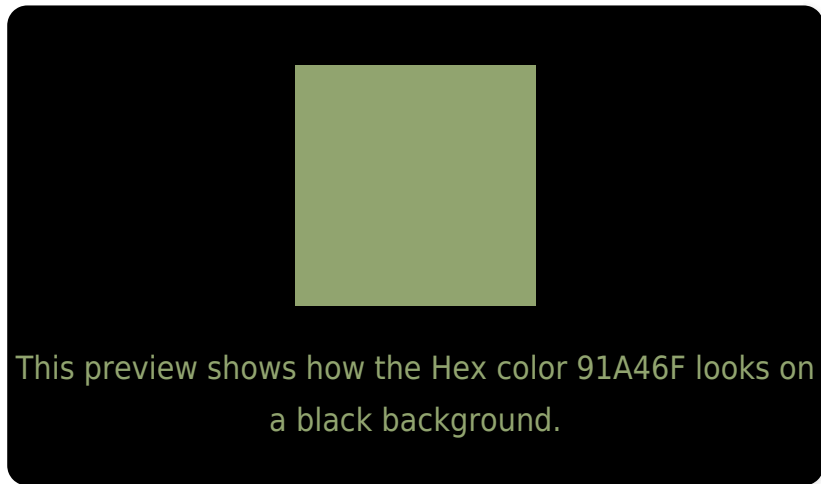
Large Text (above 18pt) WCAG AA × Fail

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

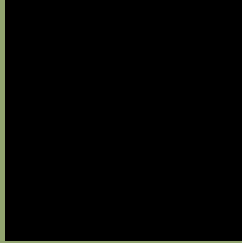
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91A46F Background



This preview shows how black text looks on a background with the Hex color 91A46F.



This preview shows how white text looks on a background with the Hex color 91A46F.

# 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**  
91A46F

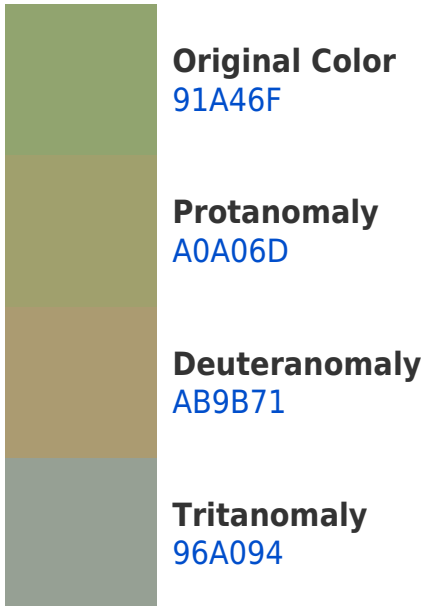
**Protanopia**  
A99D6C

**Deuteranopia**  
BA9672

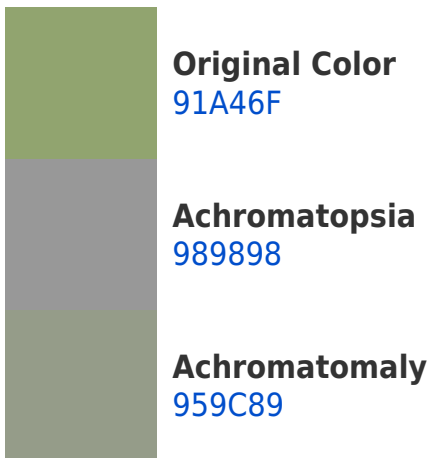


**Tritanopia**  
999DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A46F 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 #91A46F looks like.

```
.text, #text, p{  
    color:#91A46F  
}
```

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 #91A46F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A46F
}
```

## Border

The CSS property to change the border of an element to Hex 91A46F 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
#91A46F }
```

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

```
.border{ border-color:#91A46F }
```

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

Here you see how a box with a 4 pixel #91A46F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A46F; -webkit-box-shadow:4px 4px  
4px 4px #91A46F; box-shadow:4px 4px 4px  
4px #91A46F }
```

# Background

The CSS property to change the background color of an element to Hex 91A46F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A46F }
```

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

```
.background{ background-color:#91A46F }
```

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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