

# Converting Colors

Hex(91AA62)

Have a look what the booklet for  
Hex(91AA62) contains.

<b>Hex(91AA62)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(91AA62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91AA62
RGB	145, 170, 98
RGB Percent	57%, 67%, 38%
CMY	0.4314, 0.3333, 0.6157
CMYK	0.15, 0.00, 0.42, 0.33
HSL	81°, 30%, 53%
HSV	81°, 42%, 67%
XYZ	28.2564, 35.6510, 16.9473
YIQ	154.3170, 8.2120, -27.6920

# Conversions

## Conversions Part 2

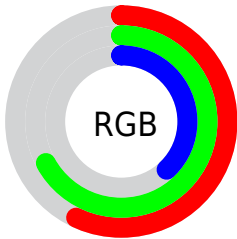
Format	Color
<a href="#">RYB</a>	<a href="#">98, 170, 123</a>
Decimal	<a href="#">9546338</a>
CIELab	<a href="#">66.25, -20.83, 34.23</a>
CIELCh	<a href="#">66, 40.072, 121.322</a>
Yxy	<a href="#">35.6510, 0.3495, 0.4409</a>
Android (android.graphics.Color)	<a href="#">4287736418 (0xFF91AA62)</a>
YUV	<a href="#">154.3170, -27.7643, -8.1710</a>
Hunter-Lab	<a href="#">59.7085, -20.0167, 24.9674</a>

# Details

The Hex color **91AA62** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7B62AA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C8E196**, and **5D7631** is the 20% darker color. If you saturate the color by 10%, you get **8BAA51**, and if you desaturate by 10%, it is **97AA73**.

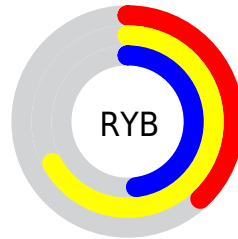
# Distribution



Red (57%)

Green (67%)

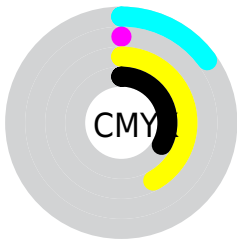
Blue (38%)



Red (38%)

Yellow (67%)

Blue (48%)

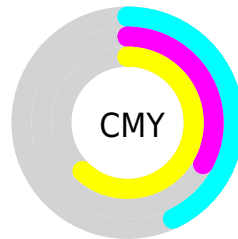


Cyan (15%)

Magenta (0%)

Yellow (42%)

Black (33%)



Cyan (43%)

Magenta (33%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91AA62 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 91AA62 by changing the saturation by 10% instead.





91AA62



91AA62

FFFFFF



778F49



C8E196



5D7631



E4FEB1



445D1A



FFF9CD



2C4500



FFF9E9



152F00



001C00



000000



91AA62



91AA62



8BAA51



97AA73

85AA40

9DAA84

7FAA2F

A3AA95

79AA1E

A9AAA6

73AA0D

AFAAB7

6FAA00

B4AAC8

BAAAD9

C0AAEA

C6AAFB

# Harmonies

## Analogous

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



B69F58



91AA62



65B17D

# Triad

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



91AA62



0FAEDF



E484A1

# Complementary

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



91AA62



7B62AA

# 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.



CF8BC4



91AA62



6CA4E9

# Square

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



91AA62



00B3C5



A797DF



E4887E

# Rectangle

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



91AA62



40B395



A797DF



DF85AD



# Sweetspot

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



91AA62



D4DEC1



AA7A62



6A705E



F0F0F0



707070



# Same Dimension

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



91AA62



B7DE6D



6EAA62



51544C



619400



0D1400



# Inverse Universe

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



7B62AA



946DDE



9E62AA



4F4C54



330094



070014



# Previews

## White Background



This preview shows how the Hex color 91AA62 looks on a white background.

## Color Contrast Check

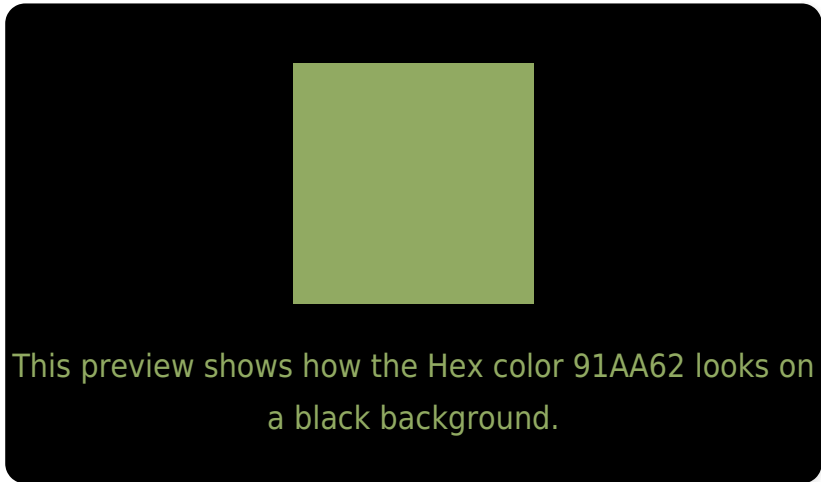
Large Text (above 18pt) WCAG AA × Fail

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

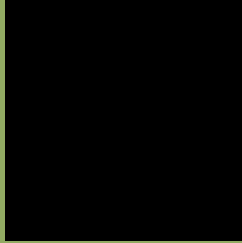
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91AA62 Background



This preview shows how black text looks on a background with the Hex color 91AA62.

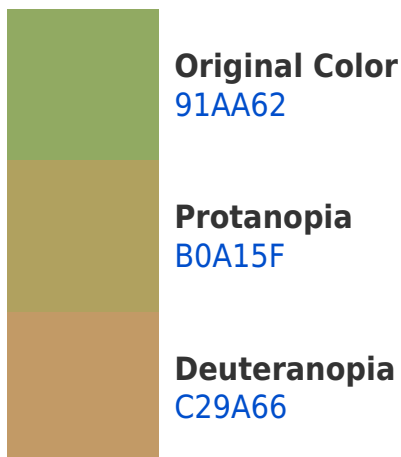


This preview shows how white text looks on a background with the Hex color 91AA62.

# 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](#).

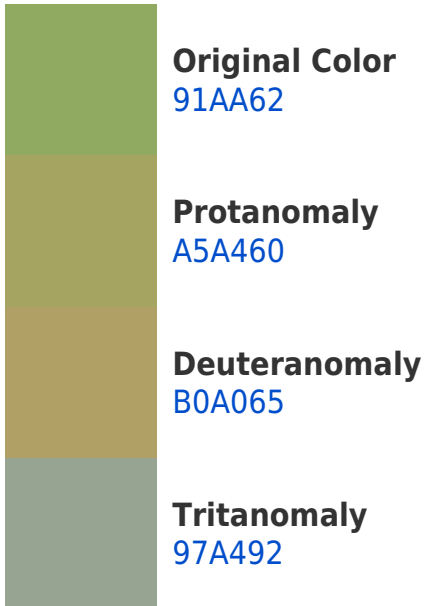
## Dichromacy



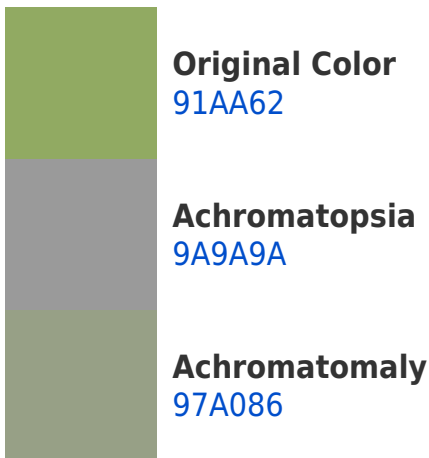


**Tritanopia**  
9BA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91AA62 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 #91AA62 looks like.

```
.text, #text, p{  
    color:#91AA62  
}
```

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 #91AA62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AA62
}
```

## Border

The CSS property to change the border of an element to Hex 91AA62 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
#91AA62 }
```

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

```
.border{ border-color:#91AA62 }
```

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

Here you see how a box with a 4 pixel #91AA62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AA62; -webkit-box-shadow:4px 4px  
4px 4px #91AA62; box-shadow:4px 4px 4px  
4px #91AA62 }
```

# Background

The CSS property to change the background color of an element to Hex 91AA62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AA62 }
```

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

```
.background{ background-color:#91AA62 }
```

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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