

# Converting Colors

Hex(91A962)

Have a look what the booklet for  
Hex(91A962) contains.

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**Color**

**Hex(91A962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91A962
RGB	145, 169, 98
RGB Percent	57%, 66%, 38%
CMY	0.4314, 0.3373, 0.6157
CMYK	0.14, 0.00, 0.42, 0.34
HSL	80°, 29%, 52%
HSV	80°, 42%, 66%
XYZ	28.0696, 35.2775, 16.8851
YIQ	153.7300, 8.4870, -27.1690

# Conversions

## Conversions Part 2

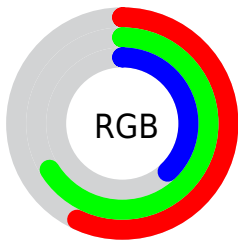
Format	Color
<a href="#">RYB</a>	<a href="#">98, 169, 122</a>
Decimal	<a href="#">9546082</a>
CIELab	<a href="#">65.96, -20.33, 33.87</a>
CIELCh	<a href="#">66, 39.498, 120.971</a>
Yxy	<a href="#">35.2775, 0.3499, 0.4397</a>
Android (android.graphics.Color)	<a href="#">4287736162 (0xFF91A962)</a>
YUV	<a href="#">153.7300, -27.4749, -7.6562</a>
Hunter-Lab	<a href="#">59.3949, -19.5831, 24.7211</a>

# Details

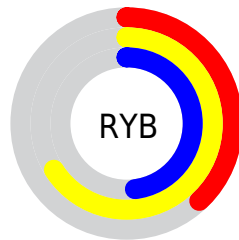
The Hex color **91A962** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A62A9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C8E096**, and **5D7531** is the 20% darker color. If you saturate the color by 10%, you get **8BA951**, and if you desaturate by 10%, it is **97A973**.

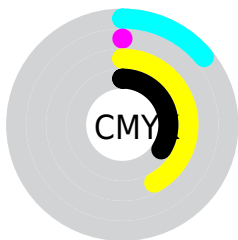
# Distribution



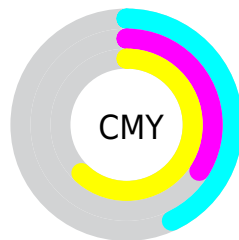
- Red (57%)
- Green (66%)
- Blue (38%)



- Red (38%)
- Yellow (66%)
- Blue (48%)



- Cyan (14%)
- Magenta (0%)
- Yellow (42%)
- Black (34%)



- Cyan (43%)
- Magenta (34%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A962 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 91A962 by changing the saturation by 10% instead.





91A962



91A962

FFFFFF



778F49



C8E096



5D7531



E4FDB1



445C1A



FFFFCD



2C4400



FFFFE9



162E00



001B00



000000



91A962



91A962



8BA951



97A973

86A940

9CA984

80A92F

A2A995

7AA91E

A8A9A6

74A90D

AEA9B6

70A900

B3A9C7

B9A9D8

BFA9E9

C4A9FA

# Harmonies

## Analogous

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



B69F58



91A962



66B07D

# Triad

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



91A962



16ADDD



E284A1

# Complementary

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



91A962



7A62A9

# 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.



CE8AC3



91A962



6CA3E7

# Square

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



91A962



00B2C4



A597DD



E3877E

# Rectangle

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



91A962



42B294



A597DD



DE85AD



# Sweetspot

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



91A962



D2DBBF



A97A62



686E5C



EDEDED



6E6E6E



# Same Dimension

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



91A962



B6DB6E



6EA962



51544C



629400



0E1400



# Inverse Universe

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



7A62A9



936EDB



9D62A9



4F4C54



320094



070014



# Previews

## White Background



This preview shows how the Hex color 91A962 looks on a white background.

## Color Contrast Check

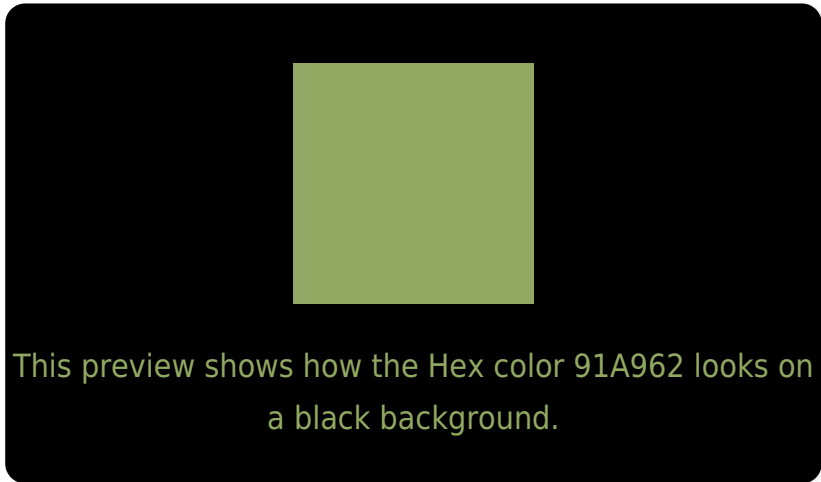
Large Text (above 18pt) WCAG AA × Fail

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

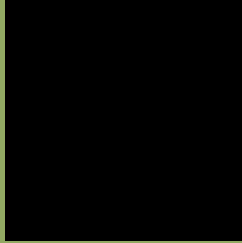
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91A962 Background



This preview shows how black text looks on a background with the Hex color 91A962.

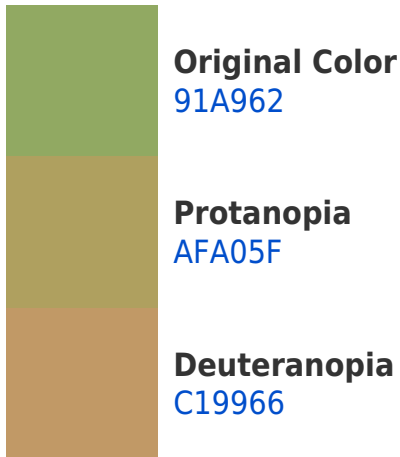


This preview shows how white text looks on a background with the Hex color 91A962.

# 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](#).

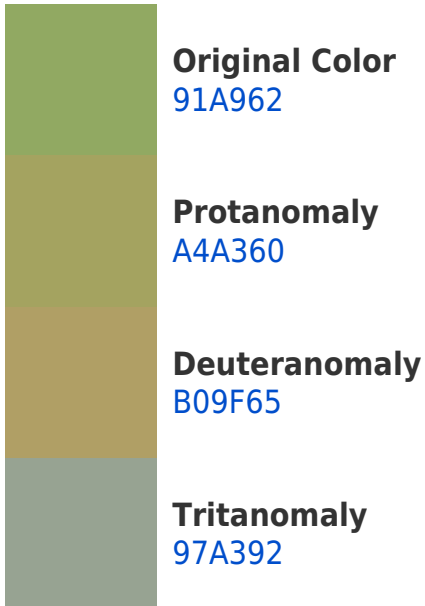
## Dichromacy



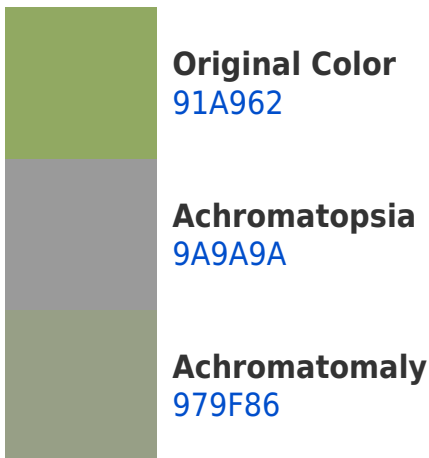


**Tritanopia**  
9BA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A962 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 #91A962 looks like.

```
.text, #text, p{  
    color:#91A962  
}
```

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 #91A962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A962
}
```

## Border

The CSS property to change the border of an element to Hex 91A962 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
#91A962 }
```

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

```
.border{ border-color:#91A962 }
```

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

Here you see how a box with a 4 pixel #91A962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A962; -webkit-box-shadow:4px 4px  
4px 4px #91A962; box-shadow:4px 4px 4px  
4px #91A962 }
```

# Background

The CSS property to change the background color of an element to Hex 91A962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A962 }
```

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

```
.background{ background-color:#91A962 }
```

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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