

# Converting Colors

Hex(91A86D)

Have a look what the booklet for  
Hex(91A86D) contains.

<b>Hex(91A86D)</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(91A86D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91A86D
RGB	145, 168, 109
RGB Percent	57%, 66%, 43%
CMY	0.4314, 0.3412, 0.5725
CMYK	0.14, 0.00, 0.35, 0.34
HSL	83°, 25%, 54%
HSV	83°, 35%, 66%
XYZ	28.4400, 35.1291, 19.7497
YIQ	154.3970, 5.2310, -23.2250

# Conversions

## Conversions Part 2

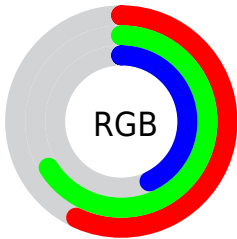
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 168, 132</a>
Decimal	<a href="#">9545837</a>
CIELab	<a href="#">65.85, -18.37, 27.91</a>
CIELCh	<a href="#">66, 33.410, 123.358</a>
Yxy	<a href="#">35.1291, 0.3413, 0.4216</a>
Android (android.graphics.Color)	<a href="#">4287735917 (0xFF91A86D)</a>
YUV	<a href="#">154.3970, -22.3807, -8.2412</a>
Hunter-Lab	<a href="#">59.2698, -18.0709, 21.7325</a>

# Details

The Hex color **91A86D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **846DA8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C8DFA1**, and **5E743C** is the 20% darker color. If you saturate the color by 10%, you get **8AA85C**, and if you desaturate by 10%, it is **98A87E**.

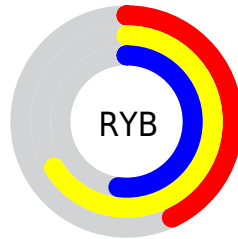
# Distribution



Red (57%)

Green (66%)

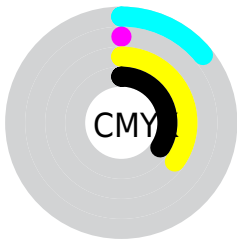
Blue (43%)



Red (43%)

Yellow (66%)

Blue (52%)

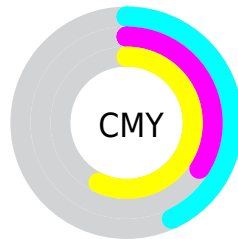


Cyan (14%)

Magenta (0%)

Yellow (35%)

Black (34%)



Cyan (43%)

Magenta (34%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A86D 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 91A86D by changing the saturation by 10% instead.



 91A86D

 91A86D

FFFFFF

 778E54

 C8DFA1

 5E743C

 E4FCBC

 455B25

 FFFFD8

 2D440F

 FFFFF5

 192D00

 001A00

 000000

 91A86D

 91A86D

 8AA85C

 98A87E

 84A84B

 9EA88F

 7DA83B

 A5A89F

 77A82A

 ABA8B0

 70A819

 B2A8C1

 6AA808

 B8A8D2

 67A800

 BFA8E3

 C5A8F3

 CCA8FF

# Harmonies

## Analogous

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



B19F64



91A86D



6DAE84

# Triad

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



91A86D



4BAAD5



D9899E

# Complementary

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



91A86D



846DA8

# 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.



C98DBB



91A86D



7BA2DB

# Square

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



91A86D



30AFC0



A897D2



D98C81

# Rectangle

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



91A86D



54B098



A897D2



D68AA8



# Sweetspot

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



91A86D



D2DBC3



A8846D



686E5F



EDEDED



6E6E6E



# Same Dimension

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



91A86D



B7DB7F



74A86D



51544C



5A9400



0C1400



# Inverse Universe

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



846DA8



A37FDB



A16DA8



4F4C54



3A0094



080014



# Previews

## White Background



This preview shows how the Hex color 91A86D looks on a white background.

## Color Contrast Check

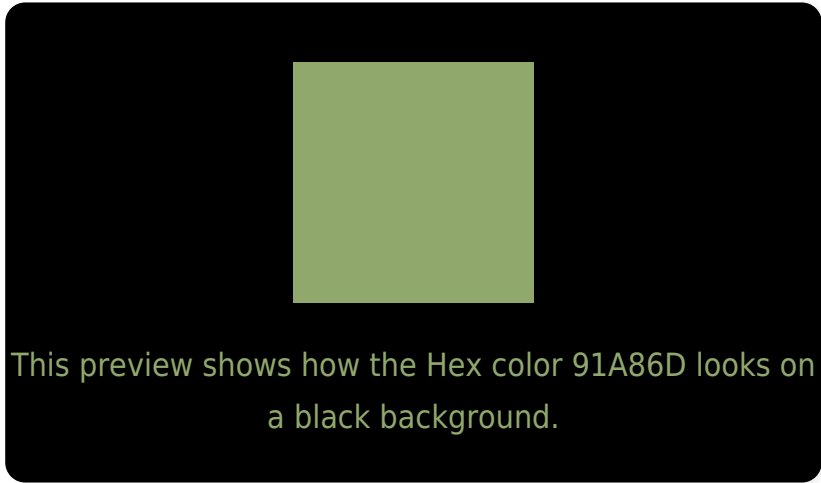
Large Text (above 18pt) WCAG AA × Fail

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

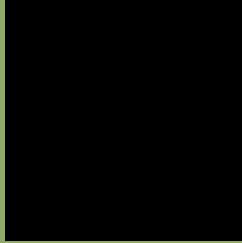
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91A86D Background



This preview shows how black text looks on a background with the Hex color 91A86D.

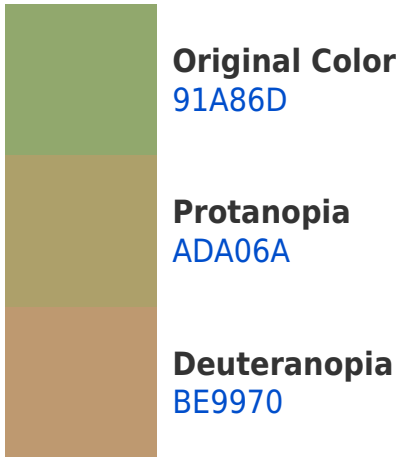


This preview shows how white text looks on a background with the Hex color 91A86D.

# 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](#).

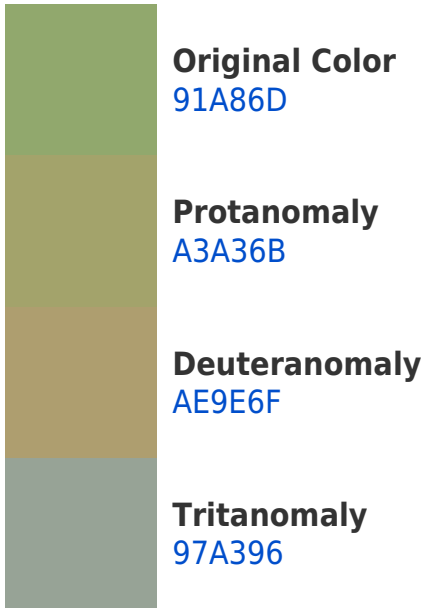
## Dichromacy



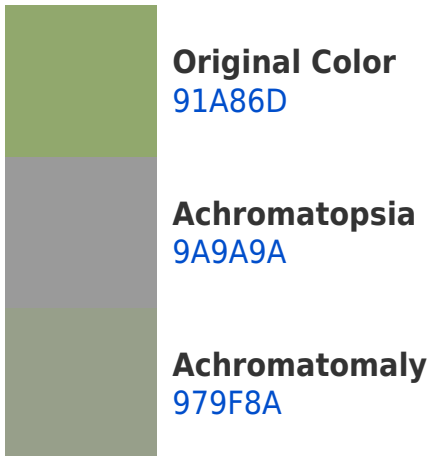


**Tritanopia**  
9AA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A86D 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 #91A86D looks like.

```
.text, #text, p{  
    color:#91A86D  
}
```

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 #91A86D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A86D
}
```

## Border

The CSS property to change the border of an element to Hex 91A86D 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
#91A86D }
```

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

```
.border{ border-color:#91A86D }
```

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

Here you see how a box with a 4 pixel #91A86D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A86D; -webkit-box-shadow:4px 4px  
4px 4px #91A86D; box-shadow:4px 4px 4px  
4px #91A86D }
```

# Background

The CSS property to change the background color of an element to Hex 91A86D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A86D }
```

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

```
.background{ background-color:#91A86D }
```

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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