

# Converting Colors

Hex(91A96C)

Have a look what the booklet for  
Hex(91A96C) contains.

<b>Hex(91A96C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(91A96C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91A96C
RGB	145, 169, 108
RGB Percent	57%, 66%, 42%
CMY	0.4314, 0.3373, 0.5765
CMYK	0.14, 0.00, 0.36, 0.34
HSL	84°, 26%, 54%
HSV	84°, 36%, 66%
XYZ	28.5718, 35.4784, 19.5295
YIQ	154.8700, 5.2770, -24.0590

# Conversions

## Conversions Part 2

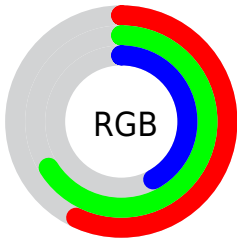
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 169, 132</a>
Decimal	<a href="#">9546092</a>
CIELab	<a href="#">66.12, -19.02, 28.79</a>
CIELCh	<a href="#">66, 34.510, 123.448</a>
Yxy	<a href="#">35.4784, 0.3419, 0.4245</a>
Android (android.graphics.Color)	<a href="#">4287736172 (0xFF91A96C)</a>
YUV	<a href="#">154.8700, -23.1069, -8.6560</a>
Hunter-Lab	<a href="#">59.5637, -18.6129, 22.2549</a>

# Details

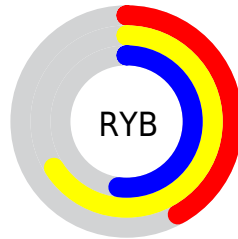
The Hex color **91A96C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **846CA9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C8E0A0**, and **5D753B** is the 20% darker color. If you saturate the color by 10%, you get **8AA95B**, and if you desaturate by 10%, it is **98A97D**.

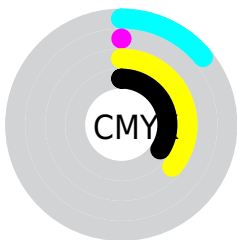
# Distribution



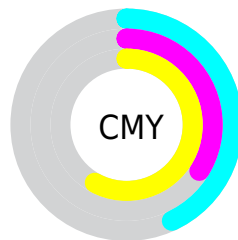
- Red (57%)
- Green (66%)
- Blue (42%)



- Red (42%)
- Yellow (66%)
- Blue (52%)



- Cyan (14%)
- Magenta (0%)
- Yellow (36%)
- Black (34%)



- Cyan (43%)
- Magenta (34%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A96C 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 91A96C by changing the saturation by 10% instead.



 91A96C

 91A96C

FFFFFF

 778F53

 C8E0A0

 5D753B

 E4FDBB

 455C24

 FFFFD7

 2D440D

 FFFFF4

 182E00

 001B00

 000000

 91A96C

 91A96C

 8AA95B

 98A97D

 84A94A

 9EA98E

 7DA939

 A5A99F

 76A928

 ACA9B0

 70A917

 B2A9C0

 69A907

 B9A9D1

 67A900

 C0A9E2

 C6A9F3

 CDA9FF

# Harmonies

## Analogous

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



B2A062



91A96C



6CAF84

# Triad

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



91A96C



47ABD7



DC899E

# Complementary

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



91A96C



846CA9

# 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.



CB8DBD



91A96C



7BA3DE

# Square

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



91A96C



27B0C2



A997D4



DB8C80

# Rectangle

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



91A96C



51B199



A997D4



D889A9



# Sweetspot

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



91A96C



D2DBC3



A9836C



686E5F



EDEDED



6E6E6E



# Same Dimension

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



91A96C



B6DB7D



73A96C



51544C



5A9400



0C1400



# Inverse Universe

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



846CA9



A27DDB



A26CA9



4F4C54



3A0094



080014



# Previews

## White Background



This preview shows how the Hex color 91A96C looks on a white background.

## Color Contrast Check

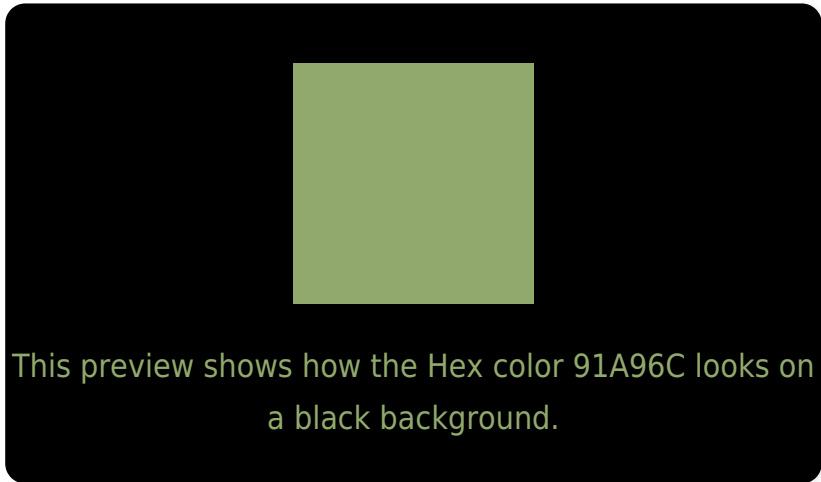
Large Text (above 18pt) WCAG AA × Fail

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 91A96C Background



This preview shows how black text looks on a background with the Hex color 91A96C.



This preview shows how white text looks on a background with the Hex color 91A96C.

# 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**  
91A96C

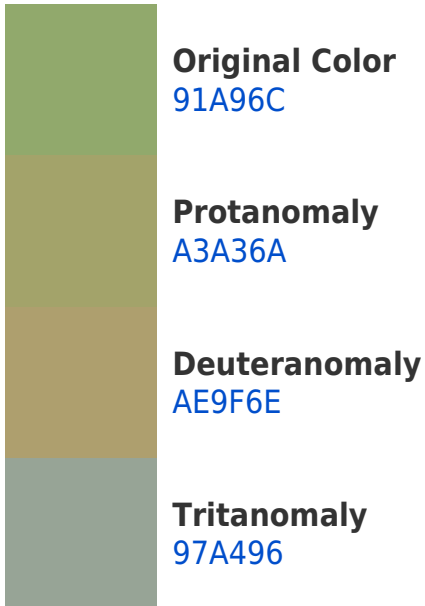
**Protanopia**  
AEA069

**Deuteranopia**  
BF996F

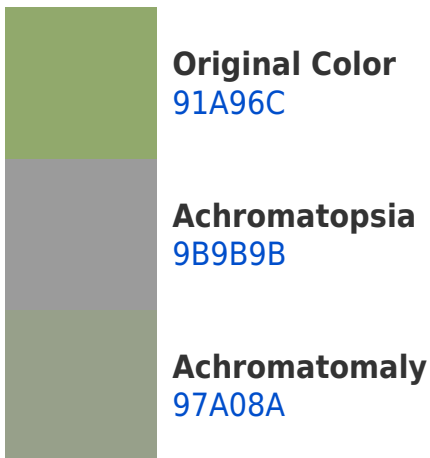


**Tritanopia**  
9AA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A96C 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 #91A96C looks like.

```
.text, #text, p{  
    color:#91A96C  
}
```

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 #91A96C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A96C
}
```

## Border

The CSS property to change the border of an element to Hex 91A96C 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
#91A96C }
```

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

```
.border{ border-color:#91A96C }
```

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

Here you see how a box with a 4 pixel #91A96C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A96C; -webkit-box-shadow:4px 4px  
4px 4px #91A96C; box-shadow:4px 4px 4px  
4px #91A96C }
```

# Background

The CSS property to change the background color of an element to Hex 91A96C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A96C }
```

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

```
.background{ background-color:#91A96C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor