

# Converting Colors

Hex(91C5A2)

Have a look what the booklet for  
Hex(91C5A2) contains.

<b>Hex(91C5A2)</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(91C5A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91C5A2
RGB	145, 197, 162
RGB Percent	57%, 77%, 64%
CMY	0.4314, 0.2275, 0.3647
CMYK	0.26, 0.00, 0.18, 0.23
HSL	140°, 31%, 67%
HSV	140°, 26%, 77%
XYZ	38.1649, 48.5609, 41.5441
YIQ	177.4620, -19.7570, -21.9090

# Conversions

## Conversions Part 2

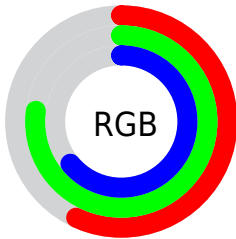
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 184, 197
Decimal	9553314
CIELab	75.18, -24.13, 12.14
CIElCh	75, 27.014, 153.289
Yxy	48.5609, 0.2975, 0.3786
Android (android.graphics.Color)	4287743394 (0xFF91C5A2)
YUV	177.4620, -7.6228, -28.4692
Hunter-Lab	69.6856, -24.1904, 13.4334

# Details

The Hex color **91C5A2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C591B4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C8FED9**, and **5D8F6E** is the 20% darker color. If you saturate the color by 10%, you get **7DC595**, and if you desaturate by 10%, it is **A5C5AF**.

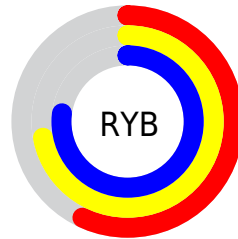
# Distribution



Red (57%)

Green (77%)

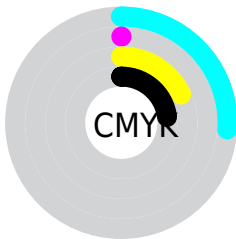
Blue (64%)



Red (57%)

Yellow (72%)

Blue (77%)

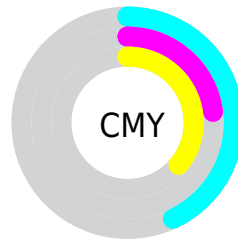


Cyan (26%)

Magenta (0%)

Yellow (18%)

Black (23%)



Cyan (43%)

Magenta (23%)


Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91C5A2 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 91C5A2 by changing the saturation by 10% instead.



 91C5A2

 91C5A2

FFFFFF

 77AA88

 C8FED9

 5D8F6E

 E4FFF5

 447556

 2C5C3F

 134429

 002E14

 001B00

 000000

 91C5A2

 91C5A2

 7DC595

 A5C5AF

 6AC587

 B8C5BD

 56C57A

 CCC5CA

 42C56D

 E0C5D7

 2FC560

 F4C5E4

 1BC552

 FFC5F2

 07C545

 FFC5FF

 00C540

# Harmonies

## Analogous

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



AEC08F



91C5A2



79C7BB

# Triad

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



91C5A2



9EBAEA



EAA99F

# Complementary

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



91C5A2



C591B4

# 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.



EAA7B7



91C5A2



C1B2E3

# Square

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



91C5A2



7EC2E5



DCAAD0



DEB08D

# Rectangle

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



91C5A2



70C7CC



DCAAD0



ECA8A7



# Sweetspot

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



91C5A2



EBFFF1



B5C591



738077



000000



808080

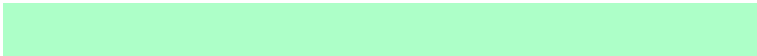


# Same Dimension

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



91C5A2



ADFFC8



91C5BB



5A635D



00A335



00240C



# Inverse Universe

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



C591B4



FFADE4



C5919B



635A60



A3006E



240018



# Previews

## White Background



This preview shows how the Hex color 91C5A2 looks on a white background.

## Color Contrast Check

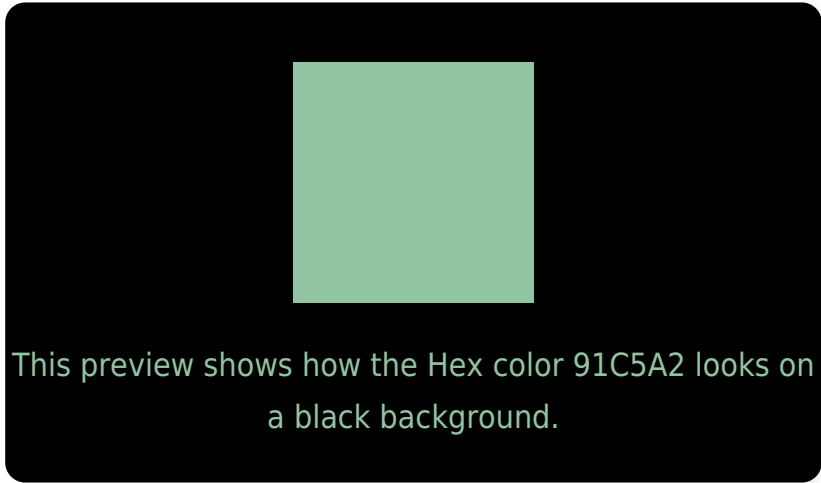
Large Text (above 18pt) WCAG AA × Fail

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

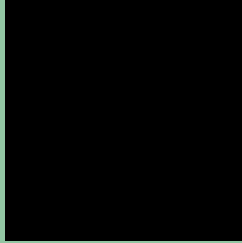
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91C5A2 Background



This preview shows how black text looks on a background with the Hex color 91C5A2.

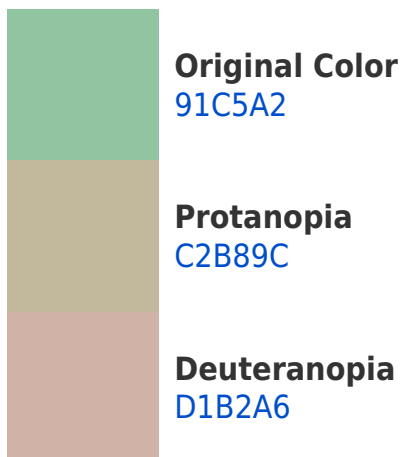


This preview shows how white text looks on a background with the Hex color 91C5A2.

# 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](#).

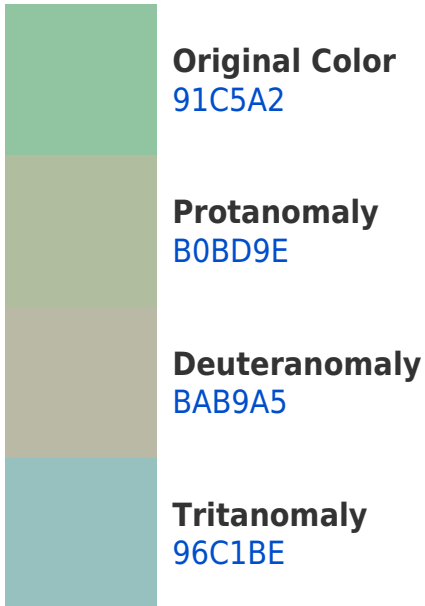
## Dichromacy



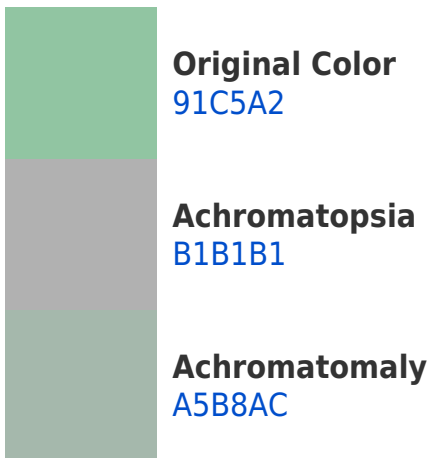


**Tritanopia**  
99BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91C5A2 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 #91C5A2 looks like.

```
.text, #text, p{  
    color:#91C5A2  
}
```

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 #91C5A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C5A2
}
```

## Border

The CSS property to change the border of an element to Hex 91C5A2 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
#91C5A2 }
```

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

```
.border{ border-color:#91C5A2 }
```

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

Here you see how a box with a 4 pixel #91C5A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C5A2; -webkit-box-shadow:4px 4px  
4px 4px #91C5A2; box-shadow:4px 4px 4px  
4px #91C5A2 }
```

# Background

The CSS property to change the background color of an element to Hex 91C5A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C5A2 }
```

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

```
.background{ background-color:#91C5A2 }
```

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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