

# Converting Colors

Hex(91AB5C)

Have a look what the booklet for  
Hex(91AB5C) contains.

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**Color**

**Hex(91AB5C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91AB5C
RGB	145, 171, 92
RGB Percent	57%, 67%, 36%
CMY	0.4314, 0.3294, 0.6392
CMYK	0.15, 0.00, 0.46, 0.33
HSL	80°, 32%, 52%
HSV	80°, 46%, 67%
XYZ	28.1717, 35.9183, 15.5733
YIQ	154.2200, 9.8630, -30.0810

# Conversions

## Conversions Part 2

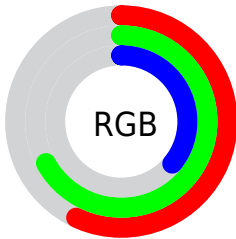
Format	Color
<a href="#">RYB</a>	<a href="#">92, 171, 118</a>
Decimal	<a href="#">9546588</a>
CIELab	<a href="#">66.46, -22.05, 37.57</a>
CIELCh	<a href="#">66, 43.566, 120.404</a>
Yxy	<a href="#">35.9183, 0.3536, 0.4509</a>
Android (android.graphics.Color)	<a href="#">4287736668 (0xFF91AB5C)</a>
YUV	<a href="#">154.2200, -30.6745, -8.0859</a>
Hunter-Lab	<a href="#">59.9319, -20.9745, 26.5458</a>

# Details

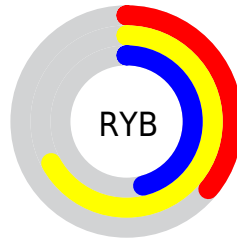
The Hex color **91AB5C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **765CAB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C8E290**, and **5D772B** is the 20% darker color. If you saturate the color by 10%, you get **8BAB4B**, and if you desaturate by 10%, it is **97AB6D**.

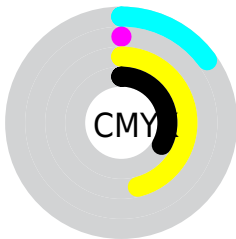
# Distribution



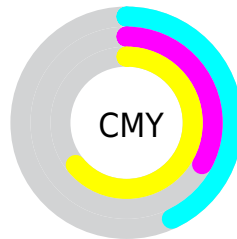
- Red (57%)
- Green (67%)
- Blue (36%)



- Red (36%)
- Yellow (67%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (33%)



- Cyan (43%)
- Magenta (33%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91AB5C 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 91AB5C by changing the saturation by 10% instead.





91AB5C



91AB5C

FFFFFF



769043



C8E290



5D772B



E5FFAB



445E12



FFFFC6



2B4600



FFFFE3



133000



001D00



000000



91AB5C



91AB5C



8BAB4B



97AB6D

 86AB3A

 9CAB7E

 80AB29

 A2AB8F

 7AAB18

 A8ABA0

 75AB06

 ADABB1

 73AB00

 B3ABC3

 B8ABD4

 BEABE5

 C4ABF6

# Harmonies

## Analogous

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



B9A052



91AB5C



60B27A

# Triad

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



91AB5C



00B0E5



EA82A3

# Complementary

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



91AB5C



765CAB

# 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.



D389C9



91AB5C



62A5F0

# Square

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



91AB5C



00B5C8



A697E5



EA857C

# Rectangle

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



91AB5C



33B593



A697E5



E483B0



# Sweetspot

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



91AB5C



D4DEBF



AB755C



6A705D



F0F0F0



707070



# Same Dimension

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



91AB5C



B6DE64



6AAB5C



54574E



659600



0F1700



# Inverse Universe

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



765CAB



8C64DE



9D5CAB



514E57



320096



080017



# Previews

## White Background



This preview shows how the Hex color 91AB5C looks on a white background.

## Color Contrast Check

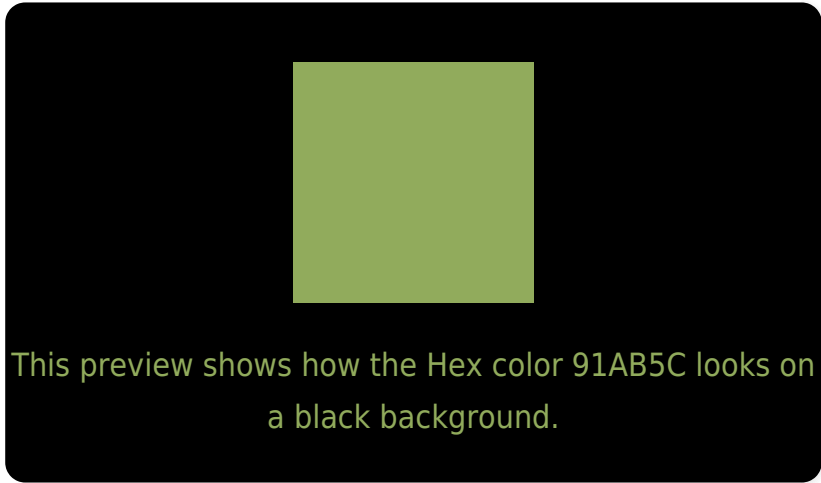
Large Text (above 18pt) WCAG AA × Fail

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

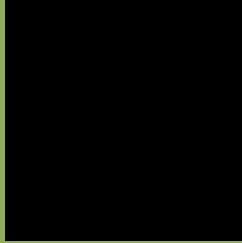
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91AB5C Background



This preview shows how black text looks on a background with the Hex color 91AB5C.

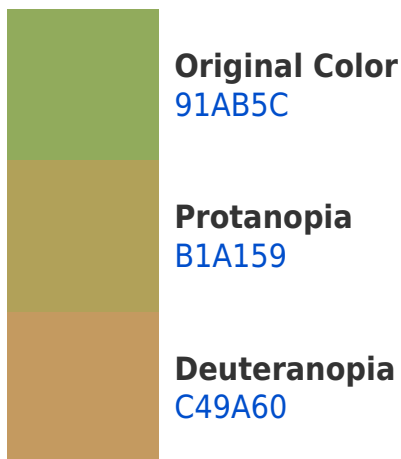


This preview shows how white text looks on a background with the Hex color 91AB5C.

# 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](#).

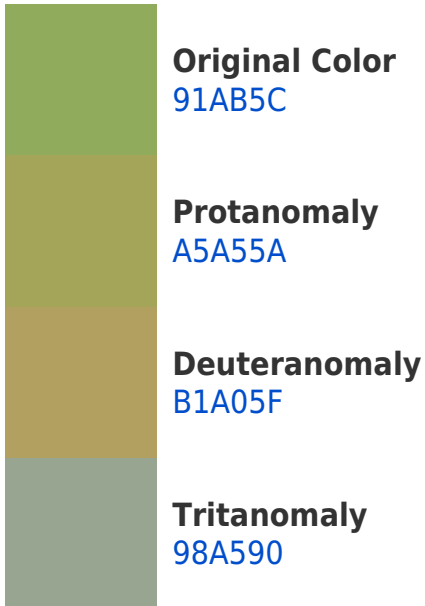
## Dichromacy





**Tritanopia**  
9CA2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91AB5C 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 #91AB5C looks like.

```
.text, #text, p{  
    color:#91AB5C  
}
```

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 #91AB5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AB5C
}
```

## Border

The CSS property to change the border of an element to Hex 91AB5C 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
#91AB5C }
```

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

```
.border{ border-color:#91AB5C }
```

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

Here you see how a box with a 4 pixel #91AB5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AB5C; -webkit-box-shadow:4px 4px  
4px 4px #91AB5C; box-shadow:4px 4px 4px  
4px #91AB5C }
```

# Background

The CSS property to change the background color of an element to Hex 91AB5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AB5C }
```

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

```
.background{ background-color:#91AB5C }
```

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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