

# Converting Colors

Hex(91AC53)

Have a look what the booklet for  
Hex(91AC53) contains.

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**Color**

**Hex(91AC53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91AC53
RGB	145, 172, 83
RGB Percent	57%, 67%, 33%
CMY	0.4314, 0.3255, 0.6745
CMYK	0.16, 0.00, 0.52, 0.33
HSL	78°, 35%, 50%
HSV	78°, 52%, 67%
XYZ	27.9909, 36.1493, 13.6859
YIQ	153.7810, 12.4770, -33.4030

# Conversions

## Conversions Part 2

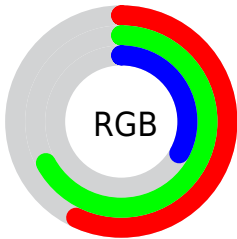
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 172, 110
Decimal	9546835
CIELab	66.63, -23.52, 42.29
CIELCh	67, 48.390, 119.086
Yxy	36.1493, 0.3597, 0.4645
Android (android.graphics.Color)	4287736915 (0xFF91AC53)
YUV	153.7810, -34.8950, -7.7009
Hunter-Lab	60.1243, -22.1167, 28.5911

# Details

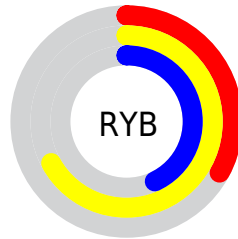
The Hex color **91AC53** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E53AC**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C8E387**, and **5C7821** is the 20% darker color. If you saturate the color by 10%, you get **8CAC42**, and if you desaturate by 10%, it is **96AC64**.

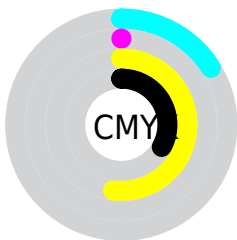
# Distribution



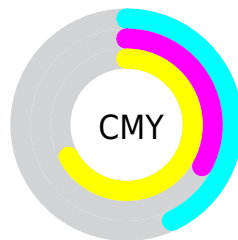
- Red (57%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (43%)



- Cyan (16%)
- Magenta (0%)
- Yellow (52%)
- Black (33%)



- Cyan (43%)
- Magenta (33%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91AC53 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 91AC53 by changing the saturation by 10% instead.



 91AC53

 91AC53

FFFFFF

 76913A

 C8E387

 5C7821

 E5FFA2

 435F03

 FFFFBD

 2B4700

 FFFFD9

 103000

 FFFFF6

 001D00

 000000

 91AC53

 91AC53

 8CAC42

 96AC64

 87AC31

 9BAC75

 81AC1F

 A1AC87

 7CAC0E

 A6AC98

 78AC00

 ABACA9

 B0ACBA

 B6ACCB

 BBACDD

 C0ACEE

# Harmonies

## Analogous

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



BD9F48



91AC53



5AB474

# Triad

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



91AC53



00B2EC



F17EA5

# Complementary

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



91AC53



6E53AC

# 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.



D787CF



91AC53



4FA7F9

# Square

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



91AC53



00B7CB



A397EE



F2827A

# Rectangle

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



91AC53



16B790



A397EE



EB7FB4



# Sweetspot

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



91AC53



D6E0BC



AC6E53



6A705B



F0F0F0



707070



# Same Dimension

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



91AC53



B6E055



65AC53



54574E



699600



101700



# Inverse Universe

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



6E53AC



7F55E0



9A53AC



514E57



2E0096



070017



# Previews

## White Background



This preview shows how the Hex color 91AC53 looks on a white background.

## Color Contrast Check

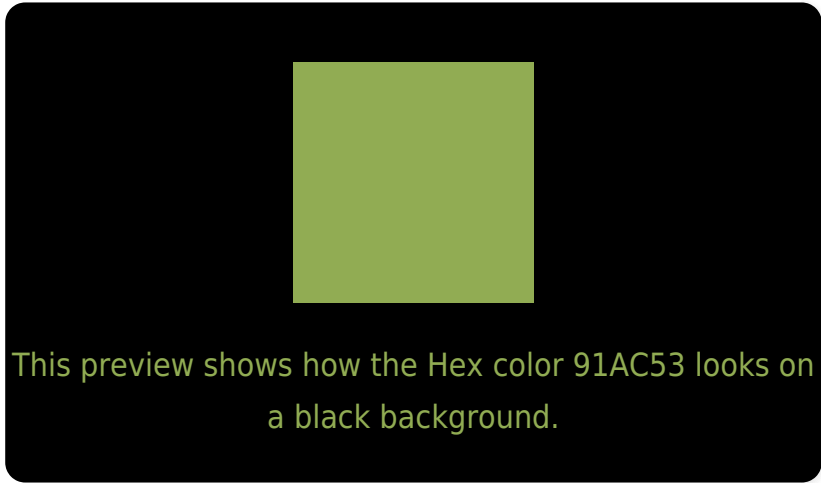
Large Text (above 18pt) WCAG AA × Fail

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 91AC53 Background



This preview shows how black text looks on a background with the Hex color 91AC53.

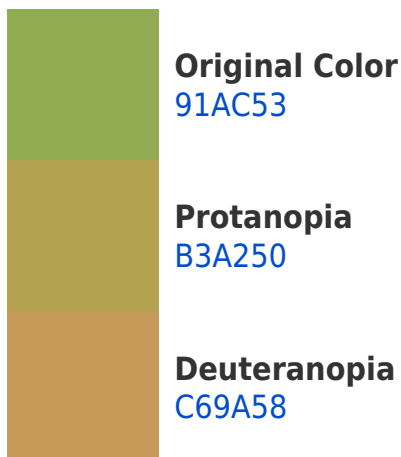


This preview shows how white text looks on a background with the Hex color 91AC53.

# 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](#).

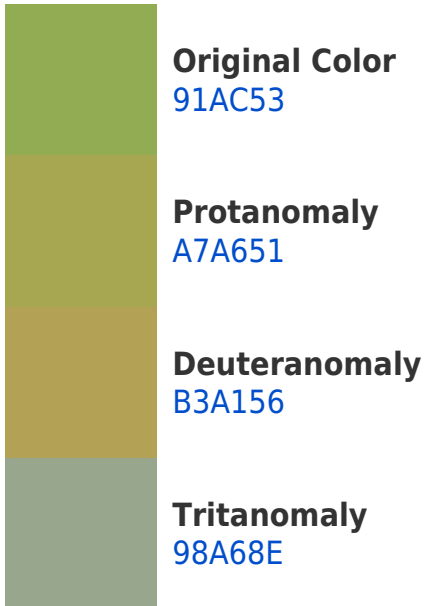
## Dichromacy



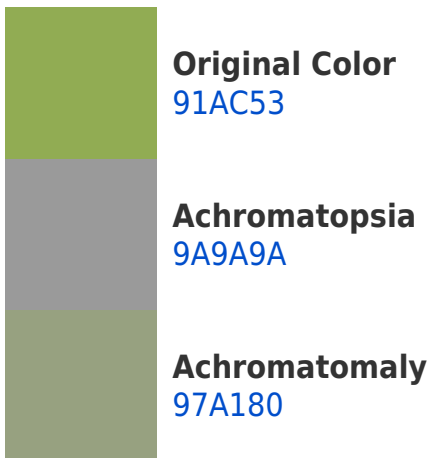


**Tritanopia**  
9CA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91AC53 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 #91AC53 looks like.

```
.text, #text, p{  
    color:#91AC53  
}
```

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 #91AC53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AC53
}
```

## Border

The CSS property to change the border of an element to Hex 91AC53 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
#91AC53 }
```

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

```
.border{ border-color:#91AC53 }
```

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

Here you see how a box with a 4 pixel #91AC53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AC53; -webkit-box-shadow:4px 4px  
4px 4px #91AC53; box-shadow:4px 4px 4px  
4px #91AC53 }
```

# Background

The CSS property to change the background color of an element to Hex 91AC53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AC53 }
```

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

```
.background{ background-color:#91AC53 }
```

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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