

# Converting Colors

Hex(91AB2B)

Have a look what the booklet for  
Hex(91AB2B) contains.

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# Color

Hex(91AB2B)

# Conversions

## Conversions Part 1

Format	Color
Hex	91AB2B
RGB	145, 171, 43
RGB Percent	57%, 67%, 17%
CMY	0.4314, 0.3294, 0.8314
CMYK	0.15, 0.00, 0.75, 0.33
HSL	72°, 60%, 42%
HSV	72°, 75%, 67%
XYZ	26.6760, 35.3200, 7.6970
YIQ	148.6340, 25.5920, -45.3200

# Conversions

## Conversions Part 2

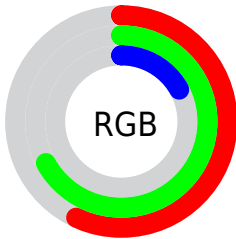
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">43, 171, 69</a>
Decimal	<a href="#">9546539</a>
CIELab	<a href="#">66.00, -26.07, 58.68</a>
CIELCh	<a href="#">66, 64.210, 113.956</a>
Yxy	<a href="#">35.3200, 0.3828, 0.5068</a>
Android (android.graphics.Color)	<a href="#">4287736619 (0xFF91AB2B)</a>
YUV	<a href="#">148.6340, -52.0776, -3.1870</a>
Hunter-Lab	<a href="#">59.4306, -23.8821, 33.9227</a>

# Details

The Hex color **91AB2B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **452BAB**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CAE262**, and **5A7700** is the 20% darker color. If you saturate the color by 10%, you get **8EAB1A**, and if you desaturate by 10%, it is **94AB3C**.

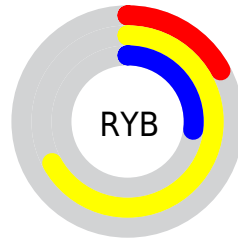
# Distribution



Red (57%)

Green (67%)

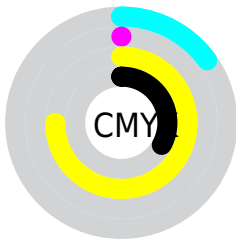
Blue (17%)



Red (17%)

Yellow (67%)

Blue (27%)

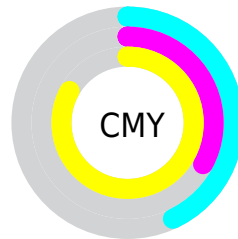


Cyan (15%)

Magenta (0%)

Yellow (75%)

Black (33%)



Cyan (43%)

Magenta (33%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91AB2B 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 91AB2B by changing the saturation by 10% instead.





91AB2B



91AB2B

FFFFFF



759004



CAE262



5A7700



E7FF7D



405E00



FFFF99



254600



FFFFB5



073000



FFFFD1



001D00



FFFEE



000000



91AB2B



91AB2B



8EAB1A



94AB3C

 8AAB09

 98AB4D

 88AB00

 9BAB5E

 9FAB6F

 A2AB80

 A6AB92

 A9ABA3

 ADABB4

 B0ABC5

# Harmonies

## Analogous

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



C89A20



91AB2B



44B659

# Triad

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



91AB2B



00B7FD



FF6AAF

# Complementary

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



91AB2B



452BAB

# 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.



DB7DE5



91AB2B



00A AFF

# Square

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



91AB2B



00BCCE



8C96FF



FF6E75

# Rectangle

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



91AB2B



00BA7E



8C96FF



F96FC2



# Sweetspot

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



91AB2B



D4DEAD



AB452B



6A7053



F0F0F0



707070



# Same Dimension

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



91AB2B



B5DE16



51AB2B



55574E



789600



121700



# Inverse Universe

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



452BAB



3F16DE



852BAB



504E57



1F0096



050017



# Previews

## White Background



This preview shows how the Hex color 91AB2B looks on a white background.

## Color Contrast Check

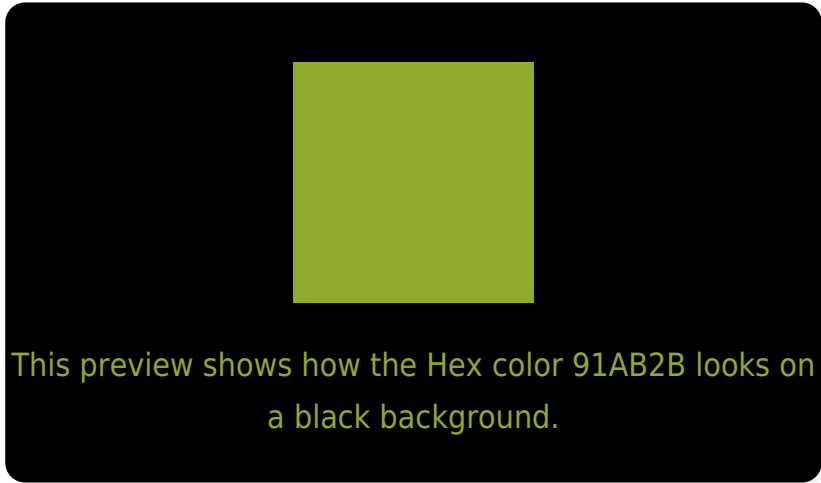
Large Text (above 18pt) WCAG AA × Fail

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 91AB2B Background



This preview shows how black text looks on a background with the Hex color 91AB2B.



This preview shows how white text looks on a background with the Hex color 91AB2B.

# 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](#).

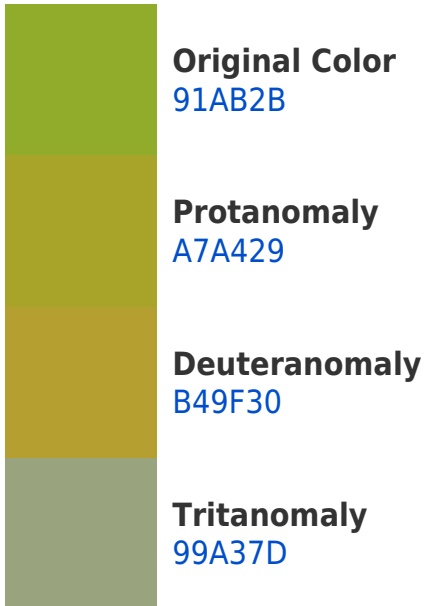
## Dichromacy





**Tritanopia**  
9E9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91AB2B 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 #91AB2B looks like.

```
.text, #text, p{  
    color:#91AB2B  
}
```

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 #91AB2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AB2B
}
```

## Border

The CSS property to change the border of an element to Hex 91AB2B 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
#91AB2B }
```

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

```
.border{ border-color:#91AB2B }
```

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

Here you see how a box with a 4 pixel #91AB2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AB2B; -webkit-box-shadow:4px 4px  
4px 4px #91AB2B; box-shadow:4px 4px 4px  
4px #91AB2B }
```

# Background

The CSS property to change the background color of an element to Hex 91AB2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AB2B }
```

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

```
.background{ background-color:#91AB2B }
```

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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