

# Converting Colors

Hex(91A21B)

Have a look what the booklet for  
Hex(91A21B) contains.

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**Color**

**Hex(91A21B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91A21B
RGB	145, 162, 27
RGB Percent	57%, 64%, 11%
CMY	0.4314, 0.3647, 0.8941
CMYK	0.10, 0.00, 0.83, 0.36
HSL	68°, 71%, 37%
HSV	68°, 83%, 64%
XYZ	24.7952, 31.9395, 5.8950
YIQ	141.5270, 33.2030, -45.5890

# Conversions

## Conversions Part 2

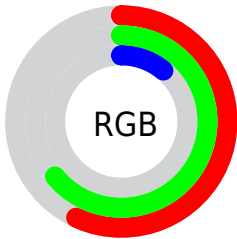
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">27, 162, 44</a>
Decimal	<a href="#">9544219</a>
CIELab	<a href="#">63.29, -22.30, 61.05</a>
CIELCh	<a href="#">63, 64.995, 110.064</a>
Yxy	<a href="#">31.9395, 0.3959, 0.5100</a>
Android (android.graphics.Color)	<a href="#">4287734299 (0xFF91A21B)</a>
YUV	<a href="#">141.5270, -56.4618, 3.0458</a>
Hunter-Lab	<a href="#">56.5151, -20.5869, 33.3761</a>

# Details

The Hex color **91A21B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2C1BA2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CAD956**, and **5A6E00** is the 20% darker color. If you saturate the color by 10%, you get **8FA20B**, and if you desaturate by 10%, it is **93A22B**.

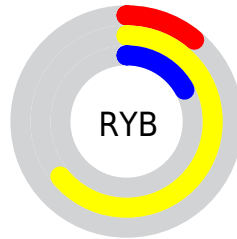
# Distribution



Red (57%)

Green (64%)

Blue (11%)



Red (11%)

Yellow (64%)

Blue (17%)

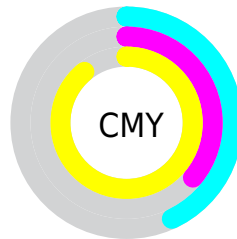


Cyan (10%)

Magenta (0%)

Yellow (83%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A21B 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 91A21B by changing the saturation by 10% instead.



 91A21B

 91A21B

FFFFFF

 758800

 CAD956

 5A6E00

 E7F571

 405600

 FFFF8C

 253F00

 FFFFA8

 0A2900

 FFFFC5

 001400

 FFFFE1

 000000

 91A21B

 91A21B

 8FA20B

 93A22B

■ 8EA200

■ 95A23B

■ 97A24C

■ 99A25C

■ 9BA26C

■ 9DA27C

■ 9FA28C

■ A1A29D

■ A3A2AD

# Harmonies

## Analogous

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



C69017



91A21B



48AE4A

# Triad

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



91A21B



00B0F1



F863AF

# Complementary

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



91A21B



2C1BA2

# 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.



CC78E4



91A21B



00A5FF

# Square

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



91A21B



00B4BF



7492FF



FF6375

# Rectangle

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



91A21B



00B26F



7492FF



ED69C2



# Sweetspot

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



91A21B



CDD49F



A22B1B



676B4B



EBEBEB



6B6B6B



# Same Dimension

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



91A21B



B9D400



4FA21B



515249



7F9100



101200



# Inverse Universe

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



2C1BA2



1B00D4



6E1BA2



4A4952



120091



020012



# Previews

## White Background



This preview shows how the Hex color 91A21B looks on a white background.

## Color Contrast Check

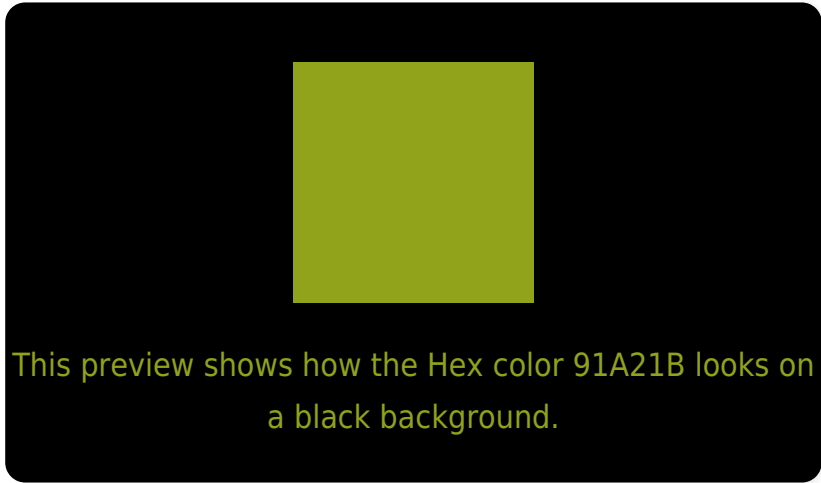
Large Text (above 18pt) WCAG AA × Fail

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 91A21B Background



This preview shows how black text looks on a background with the Hex color 91A21B.



This preview shows how white text looks on a background with the Hex color 91A21B.

# 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**  
91A21B

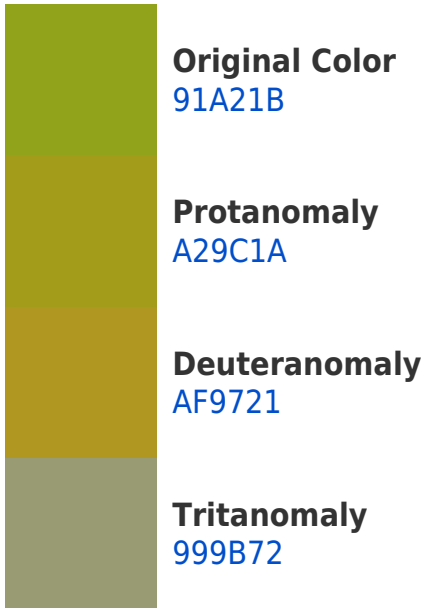
**Protanopia**  
AC9919

**Deuteranopia**  
C09125

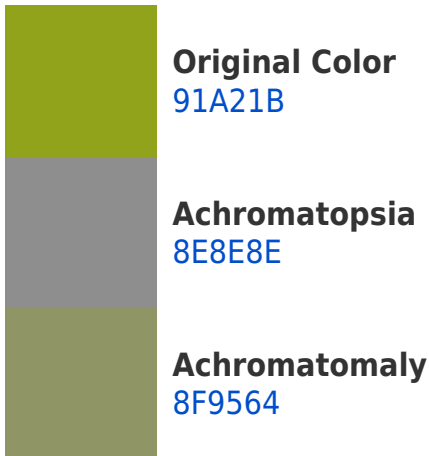


**Tritanopia**  
9D97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A21B 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 #91A21B looks like.

```
.text, #text, p{  
    color:#91A21B  
}
```

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 #91A21B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A21B
}
```

## Border

The CSS property to change the border of an element to Hex 91A21B 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
#91A21B }
```

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

```
.border{ border-color:#91A21B }
```

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

Here you see how a box with a 4 pixel #91A21B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A21B; -webkit-box-shadow:4px 4px  
4px 4px #91A21B; box-shadow:4px 4px 4px  
4px #91A21B }
```

# Background

The CSS property to change the background color of an element to Hex 91A21B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A21B }
```

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

```
.background{ background-color:#91A21B }
```

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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