

# Converting Colors

Hex(91A601)

Have a look what the booklet for  
Hex(91A601) contains.

<b>Hex(91A601)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(91A601)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91A601
RGB	145, 166, 1
RGB Percent	57%, 65%, 0%
CMY	0.4314, 0.3490, 0.9961
CMYK	0.13, 0.00, 0.99, 0.35
HSL	68°, 99%, 33%
HSV	68°, 99%, 65%
XYZ	25.3188, 33.2944, 5.1207
YIQ	140.9110, 40.4490, -55.7670

# Conversions

## Conversions Part 2

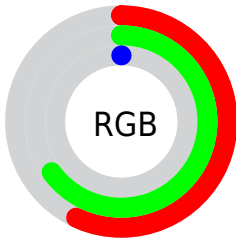
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 166, 22
Decimal	9545217
CIE Lab	64.40, -24.83, 66.43
CIE LCh	64, 70.916, 110.496
Yxy	33.2944, 0.3973, 0.5224
Android (android.graphics.Color)	4287735297 (0xFF91A601)
YUV	140.9110, -68.9761, 3.5861
Hunter-Lab	57.7013, -22.6532, 35.1292

# Details

The Hex color **91A601** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1601A6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CADD4B**, and **5A7200** is the 20% darker color. If you saturate the color by 10%, you get **91A600**, and if you desaturate by 10%, it is **93A612**.

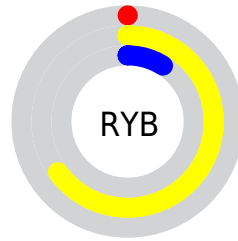
# Distribution



Red (57%)

Green (65%)

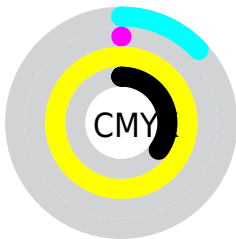
Blue (0%)



Red (0%)

Yellow (65%)

Blue (9%)

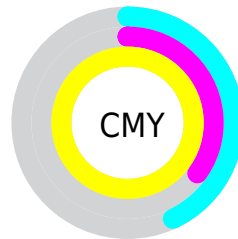


Cyan (13%)

Magenta (0%)

Yellow (99%)

Black (35%)



Cyan (43%)

Magenta (35%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A601 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 91A601 by changing the saturation by 10% instead.



 91A601

 91A601

FFFFFF

 758C00

 CADD4B

 5A7200

 E8FA67

 3F5A00

 FFFF83

 234200

 FFFF9F

 062C00

 FFFFBC

 001800

 FFFFD9

 000000

 FFFFF6

 91A601

 91A601

■ 91A600

■ 93A612

■ 95A622

■ 97A633

■ 99A643

■ 9CA654

■ 9EA665

■ A0A675

■ A2A686

■ A4A696

# Harmonies

## Analogous

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



CB9200



91A601



3CB245

# Triad

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



91A601



00B5FD



FF5EB3

# Complementary

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



91A601



1601A6

# 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.



D477EE



91A601



00A9FF

# Square

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



91A601



00B9C7



7194FF



FF5F74

# Rectangle

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



91A601



00B76F



7194FF



F864C8



# Sweetspot

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



91A601



D0D998



A61401



696E46



EDED



6E6E6E



# Same Dimension

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



91A601



BDD900



40A601



53544C



819400



121400



# Inverse Universe

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



1601A6



1C00D9



6701A6



4D4C54



130094



030014



# Previews

## White Background



This preview shows how the Hex color 91A601 looks on a white background.

## Color Contrast Check

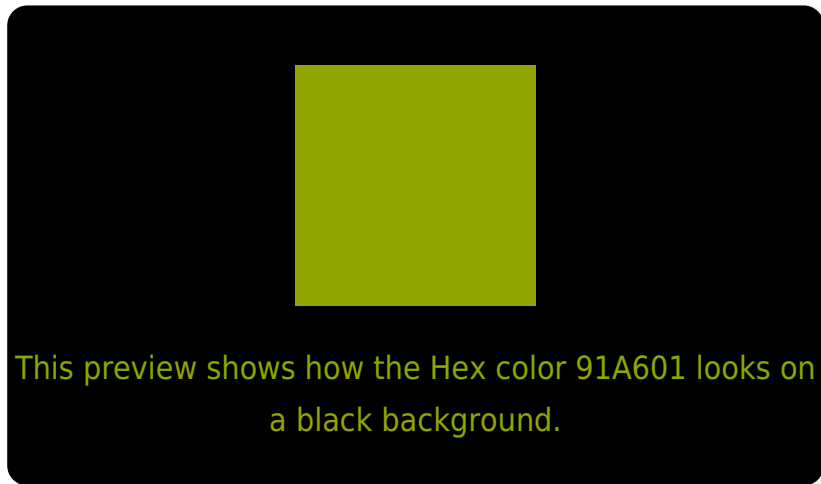
Large Text (above 18pt) WCAG AA × Fail

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 91A601 Background



This preview shows how black text looks on a background with the Hex color 91A601.



This preview shows how white text looks on a background with the Hex color 91A601.

# 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**  
91A601

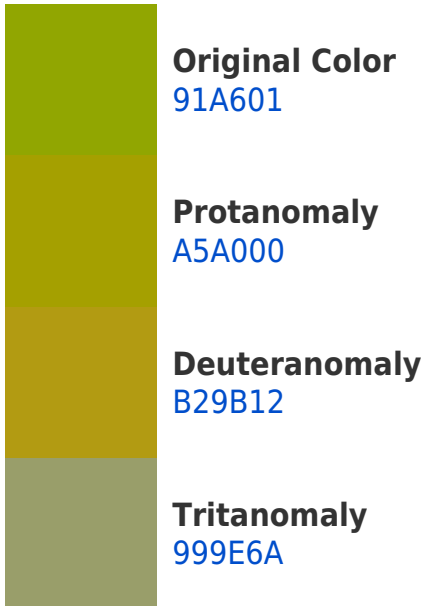
**Protanopia**  
B09C00

**Deuteranopia**  
C5941C



**Tritanopia**  
9E9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A601 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 #91A601 looks like.

```
.text, #text, p{  
    color:#91A601  
}
```

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 #91A601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A601
}
```

## Border

The CSS property to change the border of an element to Hex 91A601 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
#91A601 }
```

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

```
.border{ border-color:#91A601 }
```

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

Here you see how a box with a 4 pixel #91A601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A601; -webkit-box-shadow:4px 4px  
4px 4px #91A601; box-shadow:4px 4px 4px  
4px #91A601 }
```

# Background

The CSS property to change the background color of an element to Hex 91A601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A601 }
```

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

```
.background{ background-color:#91A601 }
```

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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