

# Converting Colors

Hex(91BF0A)

Have a look what the booklet for  
Hex(91BF0A) contains.

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**Color**

**Hex(91BF0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91BF0A
RGB	145, 191, 10
RGB Percent	57%, 75%, 4%
CMY	0.4314, 0.2510, 0.9608
CMYK	0.24, 0.00, 0.95, 0.25
HSL	75°, 90%, 39%
HSV	75°, 95%, 75%
XYZ	30.3626, 43.3033, 7.0452
YIQ	156.6120, 30.6850, -66.0430

# Conversions

## Conversions Part 2

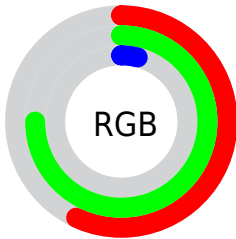
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 191, 56
Decimal	9551626
CIELab	71.76, -36.48, 71.02
CIELCh	72, 79.839, 117.187
Yxy	43.3033, 0.3762, 0.5365
Android (android.graphics.Color)	4287741706 (0xFF91BF0A)
YUV	156.6120, -72.2797, -10.1837
Hunter-Lab	65.8052, -32.7989, 39.7159

# Details

The Hex color **91BF0A** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **380ABF**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CBF853**, and **588900** is the 20% darker color. If you saturate the color by 10%, you get **8EBF00**, and if you desaturate by 10%, it is **96BF1D**.

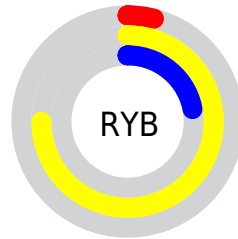
# Distribution



Red (57%)

Green (75%)

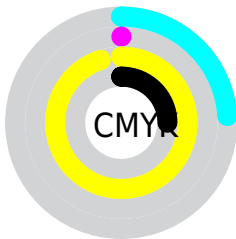
Blue (4%)



Red (4%)

Yellow (75%)

Blue (22%)

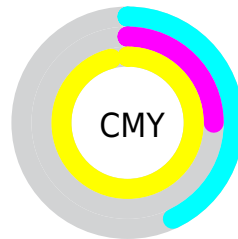


Cyan (24%)

Magenta (0%)

Yellow (95%)

Black (25%)



Cyan (43%)

Magenta (25%)

Yellow (96%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 91BF0A 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 91BF0A by changing the saturation by 10% instead.



 91BF0A

 91BF0A

FFFFFF

 75A400

 CBF853

 588900

 E9FF70

 3D7000

 FFFF8C

 1D5700

 FFFFA9

 003F00

 FFFFC6


 002900

 FFFF E3

 000C00

 000000

 91BF0A

 91BF0A

■ 8EBF00

■ 96BF1D

■ 9BBF30

■ A0BF43

■ A4BF56

■ A9BF6A

■ AEBF7D

■ B3BF90

■ B8BFA3

■ BDBFB6

# Harmonies

## Analogous

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



D8AA00



91BF0A



00CB5C

# Triad

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



91BF0A



00CBFF



FF63BA

# Complementary

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



91BF0A



380ABF

# 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.



FF7CFF



91BF0A



00BBFF

# Square

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



91BF0A



00D1F1



9F9FFF



FF6D72

# Rectangle

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



91BF0A



00CF8D



9F9FFF



FF69D2

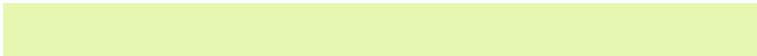


# Sweetspot

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



91BF0A



E6F7B2



BF370A



727D52



FCFCFC



7D7D7D



# Same Dimension

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



91BF0A



B8F700



37BF0A



5C5E55



769E00



171F00



# Inverse Universe

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



380ABF



3F00F7



920ABF



57555E



28009E



08001F



# Previews

## White Background



This preview shows how the Hex color 91BF0A looks on a white background.

## Color Contrast Check

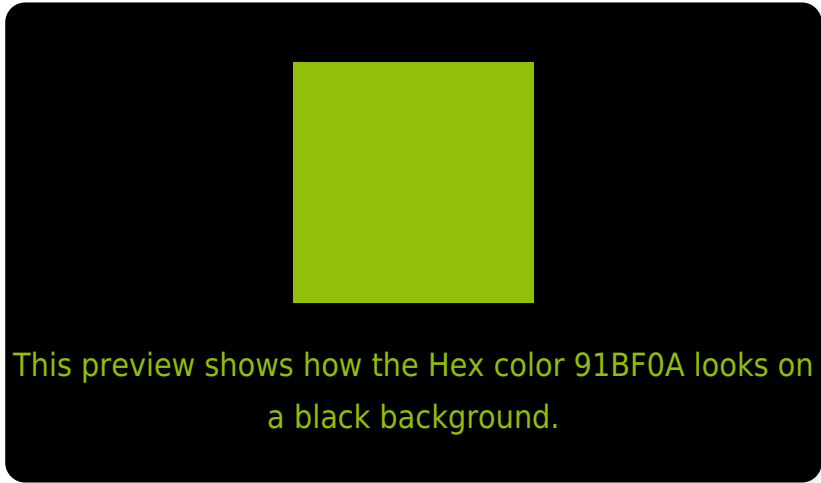
Large Text (above 18pt) WCAG AA × Fail

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 91BF0A Background



This preview shows how black text looks on a background with the Hex color 91BF0A.

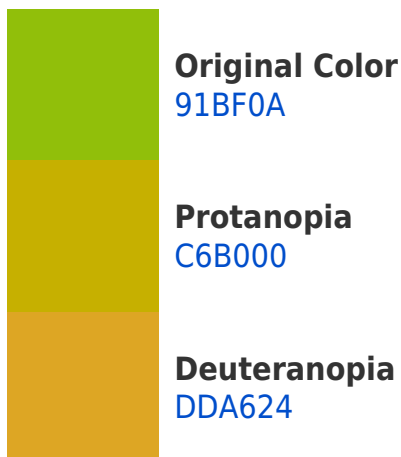


This preview shows how white text looks on a background with the Hex color 91BF0A.

# 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**  
A2B2C0

# Trichromacy



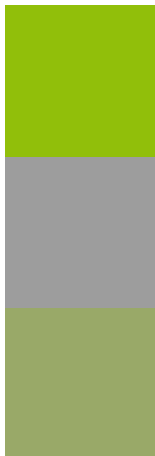
**Original Color**  
91BF0A

**Protanomaly**  
B3B504

**Deuteranomaly**  
C1AF1B

**Tritanomaly**  
9CB77E

# Monochromacy



**Original Color**  
91BF0A

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
99A968

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91BF0A 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 #91BF0A looks like.

```
.text, #text, p{  
    color:#91BF0A  
}
```

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 #91BF0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91BF0A
}
```

## Border

The CSS property to change the border of an element to Hex 91BF0A 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
#91BF0A }
```

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

```
.border{ border-color:#91BF0A }
```

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

Here you see how a box with a 4 pixel #91BF0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91BF0A; -webkit-box-shadow:4px 4px  
4px 4px #91BF0A; box-shadow:4px 4px 4px  
4px #91BF0A }
```

# Background

The CSS property to change the background color of an element to Hex 91BF0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91BF0A }
```

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

```
.background{ background-color:#91BF0A }
```

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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