

# Converting Colors

Hex(93DA2A)

Have a look what the booklet for  
Hex(93DA2A) contains.

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**Color**

**Hex(93DA2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93DA2A
RGB	147, 218, 42
RGB Percent	58%, 85%, 16%
CMY	0.4235, 0.1451, 0.8353
CMYK	0.33, 0.00, 0.81, 0.15
HSL	84°, 70%, 51%
HSV	84°, 81%, 85%
XYZ	37.5219, 56.5130, 11.1210
YIQ	176.7070, 14.1800, -69.7880

# Conversions

## Conversions Part 2

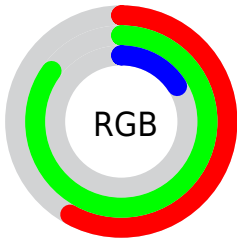
Format	Color
<a href="#">RYB</a>	<a href="#">42, 218, 113</a>
Decimal	<a href="#">9689642</a>
CIELab	<a href="#">79.90, -46.59, 71.86</a>
CIELCh	<a href="#">80, 85.647, 122.956</a>
Yxy	<a href="#">56.5130, 0.3568, 0.5374</a>
Android (android.graphics.Color)	<a href="#">4287879722 (0xFF93DA2A)</a>
YUV	<a href="#">176.7070, -66.4106, -26.0530</a>
Hunter-Lab	<a href="#">75.1751, -42.4623, 43.8516</a>

# Details

The Hex color **93DA2A** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **712ADA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CEFF68**, and **59A300** is the 20% darker color. If you saturate the color by 10%, you get **8ADA14**, and if you desaturate by 10%, it is **9CDA40**.

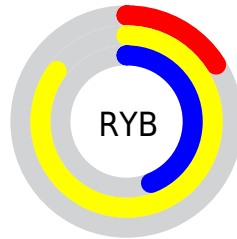
# Distribution



Red (58%)

Green (85%)

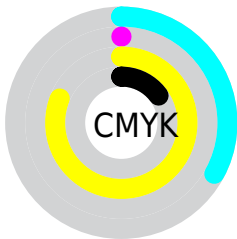
Blue (16%)



Red (16%)

Yellow (85%)

Blue (44%)

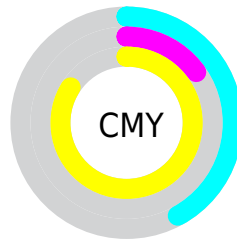


Cyan (33%)

Magenta (0%)

Yellow (81%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93DA2A 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 93DA2A by changing the saturation by 10% instead.



 93DA2A

 93DA2A

FFFFFF

 76BE00

 CEFF68

 59A300

 ECFF84

 3B8800

 FFFFA1

 186E00

 FFFFBE

 005500

 FFFFDB

 003D00

 FFFFF9

 002800

 000000

 93DA2A

 93DA2A

■ 8ADA14

■ 9CDA40

■ 82DA00

■ A5DA56

■ ADDA6B

■ B6DA81

■ BFDA97

■ C8DAAD

■ D1DAC3

■ D9DAD8

■ E2DAEE

# Harmonies

## Analogous

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



E5C500



93DA2A



00E679

# Triad

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



93DA2A



00E1FF



FF72C2

# Complementary

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



93DA2A



712ADA

# 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.



FF87FF



93DA2A



00CDFF

# Square

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



93DA2A



00EAFB



CFADFF



FF8374

# Rectangle

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



93DA2A



00EAB0



CFADFF



FF75DD

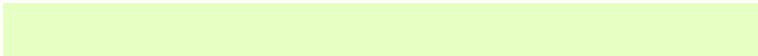


# Sweetspot

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



93DA2A



E6FFC2



DA702A



71805B



000000



808080



# Same Dimension

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



93DA2A



9BFF08



3CDA2A



696E63



67AD00



1B2E00



# Inverse Universe

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



712ADA



6B08FF



C82ADA



67636E



4600AD



13002E



# Previews

## White Background



This preview shows how the Hex color 93DA2A looks on a white background.

## Color Contrast Check

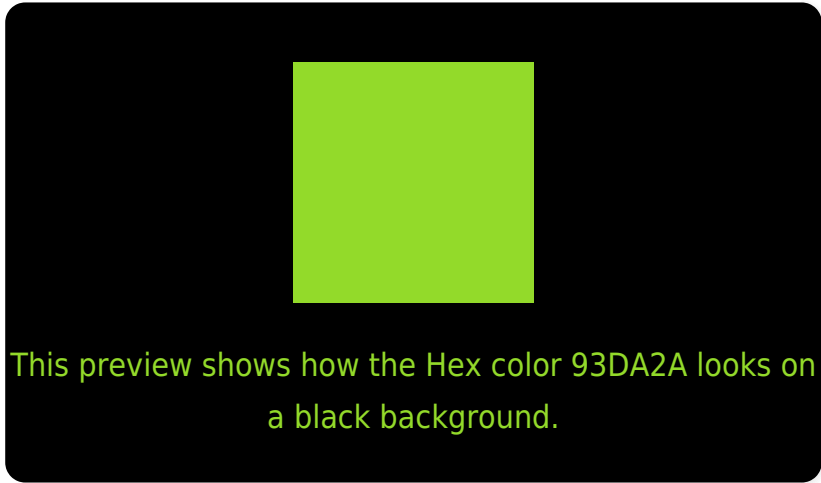
Large Text (above 18pt) WCAG AA × Fail

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 93DA2A Background



This preview shows how black text looks on a background with the Hex color 93DA2A.

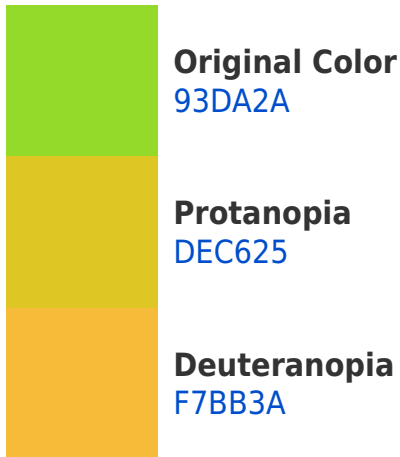


This preview shows how white text looks on a background with the Hex color 93DA2A.

# 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**  
A8CBDB

# Trichromacy



**Original Color**  
93DA2A



**Protanomaly**  
C3CD27



**Deuteranomaly**  
D3C634



**Tritanomaly**  
A0D09B

# Monochromacy



**Original Color**  
93DA2A



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
A6C080

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93DA2A 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 #93DA2A looks like.

```
.text, #text, p{  
    color:#93DA2A  
}
```

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 #93DA2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93DA2A
}
```

## Border

The CSS property to change the border of an element to Hex 93DA2A 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
#93DA2A }
```

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

```
.border{ border-color:#93DA2A }
```

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

Here you see how a box with a 4 pixel #93DA2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93DA2A; -webkit-box-shadow:4px 4px  
4px 4px #93DA2A; box-shadow:4px 4px 4px  
4px #93DA2A }
```

# Background

The CSS property to change the background color of an element to Hex 93DA2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93DA2A }
```

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

```
.background{ background-color:#93DA2A }
```

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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