

# Converting Colors

Hex(91D52A)

Have a look what the booklet for  
Hex(91D52A) contains.

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**Color**

**Hex(91D52A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91D52A
RGB	145, 213, 42
RGB Percent	57%, 84%, 16%
CMY	0.4314, 0.1647, 0.8353
CMYK	0.32, 0.00, 0.80, 0.16
HSL	84°, 67%, 50%
HSV	84°, 80%, 84%
XYZ	35.8892, 53.7754, 10.6786
YIQ	173.1740, 14.3630, -67.5970

# Conversions

## Conversions Part 2

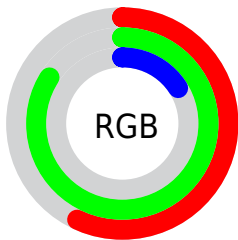
Format	Color
R <sub>Y</sub> B	42, 213, 110
Decimal	9557290
CIE Lab	78.33, -45.21, 70.41
CIE LCh	78, 83.670, 122.703
Yxy	53.7754, 0.3577, 0.5359
Android (android.graphics.Color)	4287747370 (0xFF91D52A)
YUV	173.1740, -64.6688, -24.7086
Hunter-Lab	73.3317, -40.9710, 42.6983

# Details

The Hex color **91D52A** 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 **6E2AD5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CBFF67**, and **579E00** is the 20% darker color. If you saturate the color by 10%, you get **89D515**, and if you desaturate by 10%, it is **99D53F**.

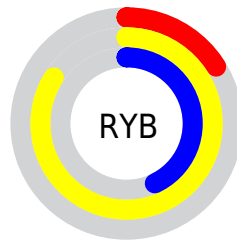
# Distribution



Red (57%)

Green (84%)

Blue (16%)



Red (16%)

Yellow (84%)

Blue (43%)

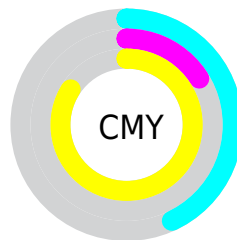


Cyan (32%)

Magenta (0%)

Yellow (80%)

Black (16%)



Cyan (43%)

Magenta (16%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91D52A 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 91D52A by changing the saturation by 10% instead.



 91D52A

 91D52A

FFFFFF

 74B900

 CBFF67

 579E00

 E9FF83

 398300

 FFFFA0

 176A00

 FFFFBC

 005100

 FFFFDA

 003900

 FFFFF7

 002400

 000000

 91D52A

 91D52A

■ 89D515

■ 99D53F

■ 80D500

■ A2D555

■ AAD56A

■ B3D57F

■ BBD595

■ C4D5AA

■ CCD5BF

■ D5D5D4

■ DDD5EA

# Harmonies

## Analogous

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



E0C100



91D52A



00E176

# Triad

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



91D52A



00DCFF



FF71BE

# Complementary

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



91D52A



6E2AD5

# 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.



FF85FF



91D52A



00C9FF

# Square

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



91D52A



00E4FF



C9AAFF



FF8172

# Rectangle

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



91D52A



00E4AC



C9AAFF



FF74D8



# Sweetspot

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



91D52A



E7FFC2



D56C2A



71805B



000000



808080



# Same Dimension

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



91D52A



9EFF0A



3ED52A



676B60



67AB00



1A2B00



# Inverse Universe

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



6E2AD5



6C0AFF



C12AD5



65606B



4400AB



11002B



# Previews

## White Background



This preview shows how the Hex color 91D52A looks on a white background.

## Color Contrast Check

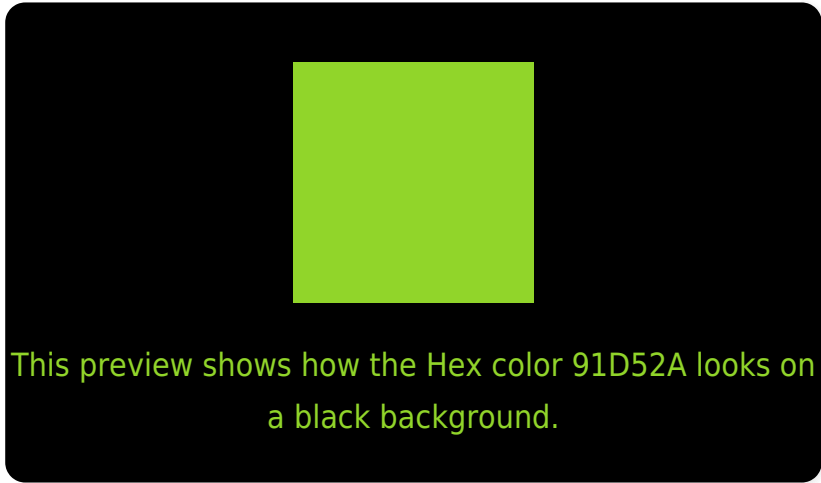
Large Text (above 18pt) WCAG AA × Fail

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 91D52A Background



This preview shows how black text looks on a background with the Hex color 91D52A.



This preview shows how white text looks on a background with the Hex color 91D52A.

# 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**  
91D52A

**Protanopia**  
D9C125

**Deuteranopia**  
F2B739



**Tritanopia**  
A6C6D6

# Trichromacy



**Original Color**  
91D52A



**Protanomaly**  
BFC827



**Deuteranomaly**  
CFC234

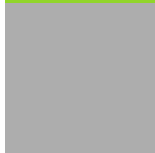


**Tritanomaly**  
9ECB97

# Monochromacy



**Original Color**  
91D52A



**Achromatopsia**  
ADADAD



**Achromatomaly**  
A3BC7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91D52A 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 #91D52A looks like.

```
.text, #text, p{  
    color:#91D52A  
}
```

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 #91D52A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D52A
}
```

## Border

The CSS property to change the border of an element to Hex 91D52A 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
#91D52A }
```

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

```
.border{ border-color:#91D52A }
```

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

Here you see how a box with a 4 pixel #91D52A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D52A; -webkit-box-shadow:4px 4px  
4px 4px #91D52A; box-shadow:4px 4px 4px  
4px #91D52A }
```

# Background

The CSS property to change the background color of an element to Hex 91D52A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D52A }
```

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

```
.background{ background-color:#91D52A }
```

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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