

# Converting Colors

Hex(93D12A)

Have a look what the booklet for  
Hex(93D12A) contains.

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**Color**

**Hex(93D12A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93D12A
RGB	147, 209, 42
RGB Percent	58%, 82%, 16%
CMY	0.4235, 0.1804, 0.8353
CMYK	0.30, 0.00, 0.80, 0.18
HSL	82°, 67%, 49%
HSV	82°, 80%, 82%
XYZ	35.2510, 51.9711, 10.3640
YIQ	171.4240, 16.6550, -65.0810

# Conversions

## Conversions Part 2

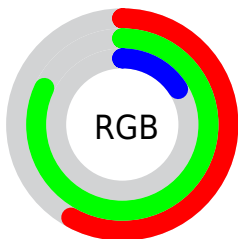
Format	Color
<a href="#">RYB</a>	<a href="#">42, 209, 104</a>
Decimal	<a href="#">9687338</a>
CIELab	<a href="#">77.26, -42.76, 69.48</a>
CIELCh	<a href="#">77, 81.586, 121.609</a>
Yxy	<a href="#">51.9711, 0.3612, 0.5326</a>
Android (android.graphics.Color)	<a href="#">4287877418 (0xFF93D12A)</a>
YUV	<a href="#">171.4240, -63.8060, -21.4198</a>
Hunter-Lab	<a href="#">72.0910, -38.8765, 41.9400</a>

# Details

The Hex color **93D12A** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle washed chartreuse. A complement of this color would be **682AD1**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CDFF66**, and **5A9A00** is the 20% darker color. If you saturate the color by 10%, you get **8BD115**, and if you desaturate by 10%, it is **9BD13F**.

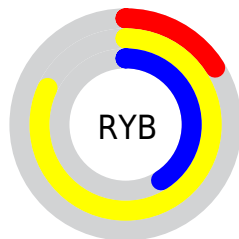
# Distribution



Red (58%)

Green (82%)

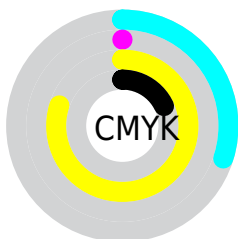
Blue (16%)



Red (16%)

Yellow (82%)

Blue (41%)

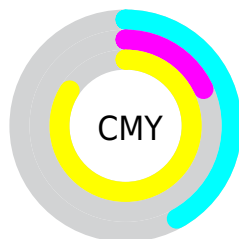


Cyan (30%)

Magenta (0%)

Yellow (80%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93D12A 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 93D12A by changing the saturation by 10% instead.





93D12A



93D12A

FFFFFF



76B500



CDFF66



5A9A00



EBFF83



3D8000



FFFF9F



1C6600



FFFFBC



004E00



FFFD9



003600



FFFFF6



002100



000000



93D12A



93D12A

■ 8BD115

■ 9BD13F

■ 83D100

■ A3D154

■ AAD169

■ B2D17E

■ BAD193

■ C2D1A7

■ C9D1BC

■ D1D1D1

■ D9D1E6

# Harmonies

## Analogous

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



DFBD00



93D12A



00DD73

# Triad

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



93D12A



00D9FF



FF71BE

# Complementary

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



93D12A



682AD1

# 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



93D12A



00C7FF

# Square

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



93D12A



00E1FF



C2A9FF



FF7F74

# Rectangle

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



93D12A



00E1A6



C2A9FF



FF74D7

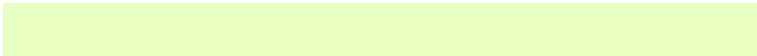


# Sweetspot

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



93D12A



E8FFC2



D1672A



72805B



000000



808080



# Same Dimension

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



93D12A



A4FF0A



40D12A



65695E



6AA800



1A2900



# Inverse Universe

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



682AD1



650AFF



BB2AD1



625E69



3E00A8



0F0029



# Previews

## White Background



This preview shows how the Hex color 93D12A looks on a white background.

## Color Contrast Check

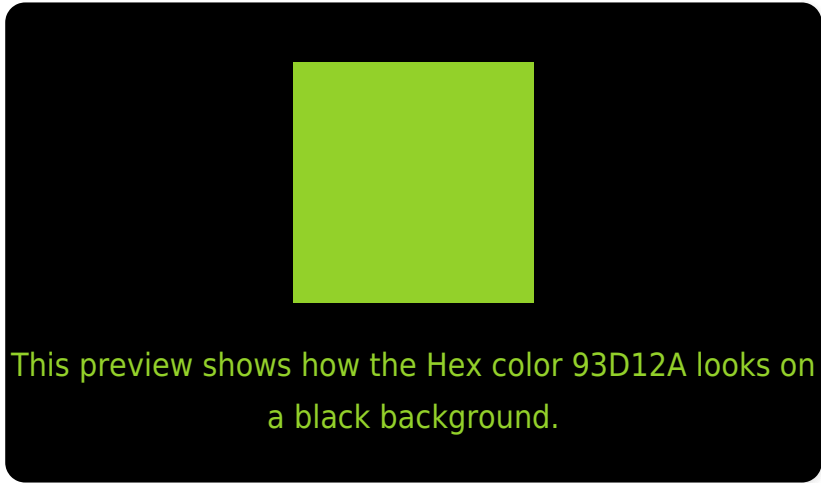
Large Text (above 18pt) WCAG AA × Fail

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 93D12A Background



This preview shows how black text looks on a background with the Hex color 93D12A.

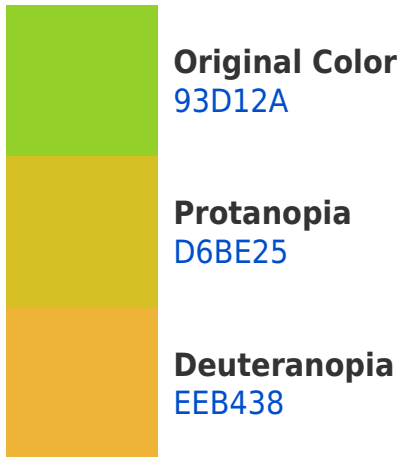


This preview shows how white text looks on a background with the Hex color 93D12A.

# 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](#).

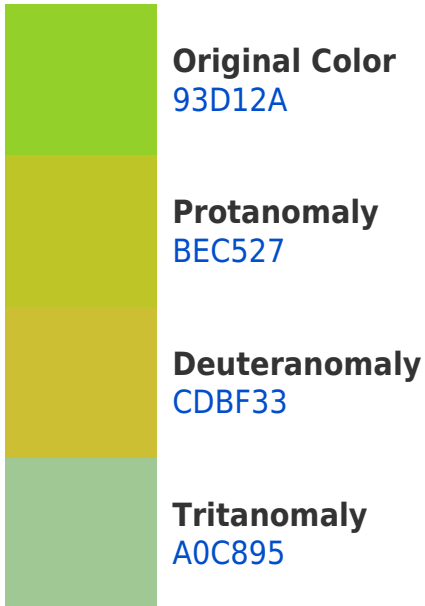
## Dichromacy



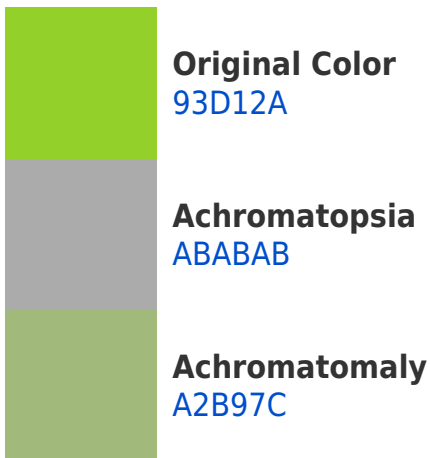


**Tritanopia**  
A7C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93D12A 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 #93D12A looks like.

```
.text, #text, p{  
    color:#93D12A  
}
```

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 #93D12A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D12A
}
```

## Border

The CSS property to change the border of an element to Hex 93D12A 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
#93D12A }
```

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

```
.border{ border-color:#93D12A }
```

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

Here you see how a box with a 4 pixel #93D12A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D12A; -webkit-box-shadow:4px 4px  
4px 4px #93D12A; box-shadow:4px 4px 4px  
4px #93D12A }
```

# Background

The CSS property to change the background color of an element to Hex 93D12A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D12A }
```

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

```
.background{ background-color:#93D12A }
```

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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