

Converting Colors

Hex(9DC41A)

Have a look what the booklet for
Hex(9DC41A) contains.

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Color

Hex(9DC41A)

Conversions

Conversions Part 1

Format	Color
Hex	9DC41A
RGB	157, 196, 26
RGB Percent	62%, 77%, 10%
CMY	0.3843, 0.2314, 0.8980
CMYK	0.20, 0.00, 0.87, 0.23
HSL	74°, 77%, 44%
HSV	74°, 87%, 77%
XYZ	33.8310, 46.7225, 8.2126
YIQ	164.9590, 31.3260, -61.1380

Conversions

Conversions Part 2

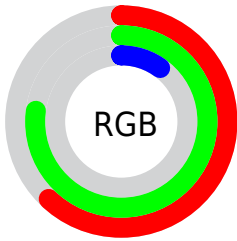
Format	Color
R _Y B	26, 196, 65
Decimal	10339354
CIE Lab	74.01, -33.64, 70.69
CIE LCh	74, 78.285, 115.446
Yxy	46.7225, 0.3811, 0.5264
Android (android.graphics.Color)	4288529434 (0xFF9DC41A)
YUV	164.9590, -68.5068, -6.9800
Hunter-Lab	68.3539, -31.2727, 40.7242

Details

The Hex color **9DC41A** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **411AC4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D7FD5B**, and **648E00** is the 20% darker color. If you saturate the color by 10%, you get **99C406**, and if you desaturate by 10%, it is **A1C42E**.

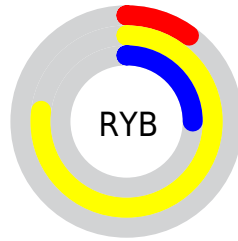
Distribution



Red (62%)

Green (77%)

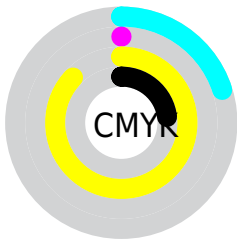
Blue (10%)



Red (10%)

Yellow (77%)

Blue (25%)

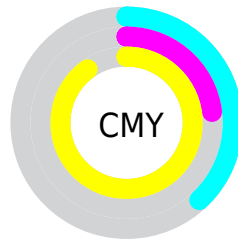


Cyan (20%)

Magenta (0%)

Yellow (87%)

Black (23%)



Cyan (38%)

Magenta (23%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC41A 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 9DC41A by changing the saturation by 10% instead.

 9DC41A

 9DC41A

FFFFFF

 81A900

 D7FD5B

 648E00

 F5FF77

 497400

 FFFF94

 2C5C00

 FFFFB0

 094400

 FFFFCD

 002D00

 FFFFEB

 001700

 000000

 9DC41A

 9DC41A

■ 99C406

■ A1C42E

■ 97C400

■ A6C441

■ AAC455

■ AFC468

■ B3C47C

■ B8C490

■ BCC4A3

■ C1C4B7

■ C5C4CA

Harmonies

Analogous

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



E2AF00



9DC41A



2BD15F

Triad

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



9DC41A



00D1FF



FF6EC4

Complementary

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



9DC41A



411AC4

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.



FF86FF



9DC41A



00C2FF

Square

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



9DC41A



00D7F2



9FA8FF



FF747D

Rectangle

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



9DC41A



00D58F



9FA8FF



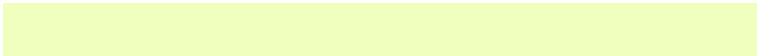
FF73DC

Sweetspot

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



9DC41A



F0FFBD



C43F1A



768058



000000



808080

Same Dimension

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



9DC41A



C4FF00



4AC41A



5F6157



7CA100



1A2100

Inverse Universe

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



411AC4



3A00FF



941AC4



595761



2500A1



080021

Previews

White Background



This preview shows how the Hex color 9DC41A looks on a white background.

Color Contrast Check

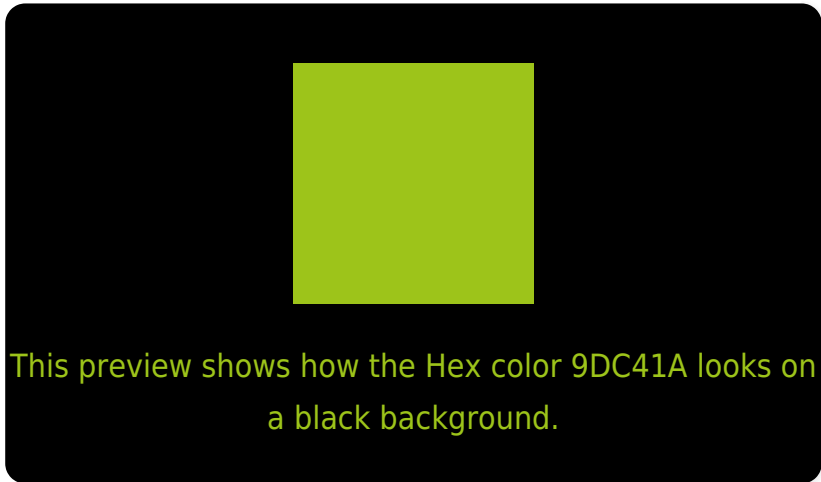
Large Text (above 18pt) WCAG AA × Fail

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 9DC41A Background



This preview shows how black text looks on a background with the Hex color 9DC41A.

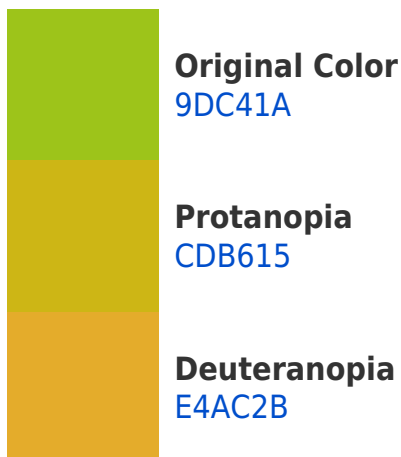


This preview shows how white text looks on a background with the Hex color 9DC41A.

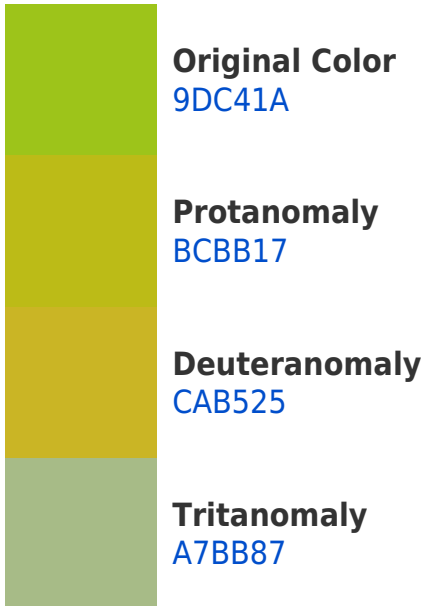
Color Blindness Simulation

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](#).

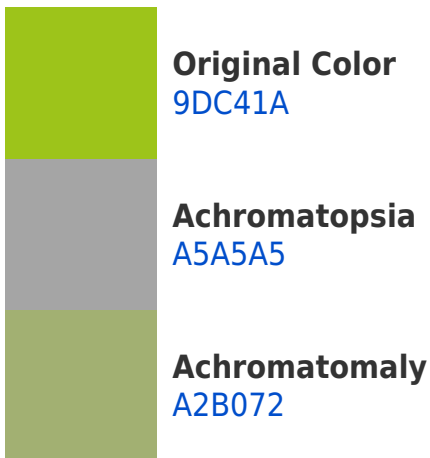
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DC41A 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 #9DC41A looks like.

```
.text, #text, p{  
    color:#9DC41A  
}
```

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 #9DC41A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC41A
}
```

Border

The CSS property to change the border of an element to Hex 9DC41A 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
#9DC41A }
```

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

```
.border{ border-color:#9DC41A }
```

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

Here you see how a box with a 4 pixel #9DC41A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC41A; -webkit-box-shadow:4px 4px  
4px 4px #9DC41A; box-shadow:4px 4px 4px  
4px #9DC41A }
```

Background

The CSS property to change the background color of an element to Hex 9DC41A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC41A }
```

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

```
.background{ background-color:#9DC41A }
```

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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