

# Converting Colors

Hex(79DA1A)

Have a look what the booklet for  
Hex(79DA1A) contains.

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# Color

**Hex(79DA1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79DA1A
RGB	121, 218, 26
RGB Percent	47%, 85%, 10%
CMY	0.5255, 0.1451, 0.8980
CMYK	0.44, 0.00, 0.88, 0.15
HSL	90°, 79%, 48%
HSV	90°, 88%, 85%
XYZ	33.1430, 54.2823, 9.7080
YIQ	167.1090, 3.8200, -80.2760

# Conversions

## Conversions Part 2

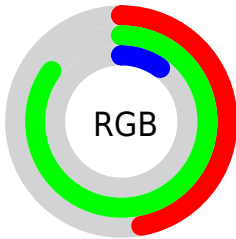
Format	Color
R <sub>Y</sub> B	26, 218, 123
Decimal	7985690
CIE Lab	78.63, -55.94, 73.80
CIE LCh	79, 92.607, 127.163
Yxy	54.2823, 0.3412, 0.5588
Android (android.graphics.Color)	4286175770 (0xFF79DA1A)
YUV	167.1090, -69.5667, -40.4376
Hunter-Lab	73.6765, -48.6367, 43.7612

# Details

The Hex color **79DA1A** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7B1ADA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B5FF5E**, and **3AA200** is the 20% darker color. If you saturate the color by 10%, you get **6EDA04**, and if you desaturate by 10%, it is **84DA30**.

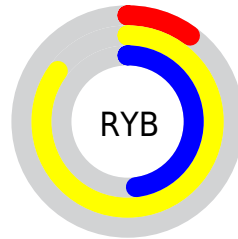
# Distribution



Red (47%)

Green (85%)

Blue (10%)



Red (10%)

Yellow (85%)

Blue (48%)

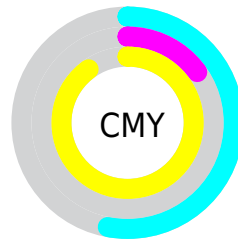


Cyan (44%)

Magenta (0%)

Yellow (88%)

Black (15%)



Cyan (53%)

Magenta (15%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79DA1A 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 79DA1A by changing the saturation by 10% instead.



 79DA1A

 79DA1A

FFFFFF

 5BBE00

 B5FF5E

 3AA200

 D3FF7B

 088700

 F1FF98

 006D00

 FFFFB5

 005400

 FFFFD2

 003B00

 FFFFF0

 002400

 000000

 79DA1A

 79DA1A

 6EDA04

 84DA30

 6CDA00

 8FDA46

 9ADA5B

 A5DA71

 B0DA87

 BBDA9D

 C6DAB3

 D1DAC8

 DCDADE

# Harmonies

## Analogous

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



D6C600



79DA1A



00E57B

# Triad

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



79DA1A



00DDFF



FF61B2

# Complementary

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



79DA1A



7B1ADA

# 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.



FF75FF



79DA1A



00C7FF

# Square

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



79DA1A



00E7FF



DDA1FF



FF7C5F

# Rectangle

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



79DA1A



00E8B7



DDA1FF



FF62CF

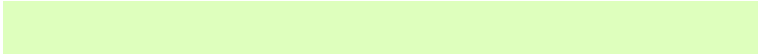


# Sweetspot

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



79DA1A



DEFFBD



DA7A1A



6C8058



000000



808080



# Same Dimension

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



79DA1A



7EFF00



1ADA1A



686E63



56AD00



172E00



# Inverse Universe

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



7B1ADA



8100FF



DA1ADA



68636E



5800AD



17002E



# Previews

## White Background



This preview shows how the Hex color 79DA1A looks on a white background.

## Color Contrast Check

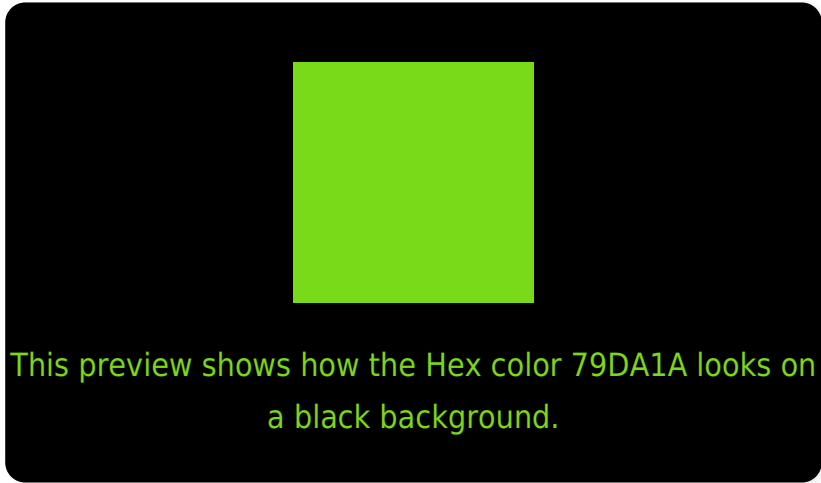
Large Text (above 18pt) WCAG AA × Fail

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 79DA1A Background



This preview shows how black text looks on a background with the Hex color 79DA1A.



This preview shows how white text looks on a background with the Hex color 79DA1A.

# 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](#).

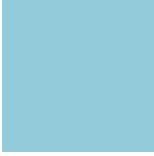
## Dichromacy



**Original Color**  
79DA1A

**Protanopia**  
DAC211

**Deuteranopia**  
F3B732



**Tritanopia**  
93CBDB

# Trichromacy



**Original Color**

79DA1A



**Protanomaly**

B7CB14



**Deuteranomaly**

C7C429



**Tritanomaly**

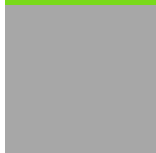
8AD095

# Monochromacy



**Original Color**

79DA1A



**Achromatopsia**

A7A7A7



**Achromatomaly**

96BA74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79DA1A 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 #79DA1A looks like.

```
.text, #text, p{  
    color:#79DA1A  
}
```

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 #79DA1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79DA1A
}
```

## Border

The CSS property to change the border of an element to Hex 79DA1A 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
#79DA1A }
```

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

```
.border{ border-color:#79DA1A }
```

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

Here you see how a box with a 4 pixel #79DA1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79DA1A; -webkit-box-shadow:4px 4px  
4px 4px #79DA1A; box-shadow:4px 4px 4px  
4px #79DA1A }
```

# Background

The CSS property to change the background color of an element to Hex 79DA1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79DA1A }
```

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

```
.background{ background-color:#79DA1A }
```

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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