

# Converting Colors

Hex(6AC71E)

Have a look what the booklet for  
Hex(6AC71E) contains.

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**Color**

**Hex(6AC71E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AC71E
RGB	106, 199, 30
RGB Percent	42%, 78%, 12%
CMY	0.5843, 0.2196, 0.8824
CMYK	0.47, 0.00, 0.85, 0.22
HSL	93°, 74%, 45%
HSV	93°, 85%, 78%
XYZ	26.6016, 44.0048, 8.3200
YIQ	151.9270, -1.1790, -72.2750

# Conversions

## Conversions Part 2

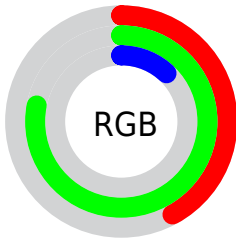
Format	Color
<b>RYB</b>	30, 199, 123
Decimal	6997790
CIELab	72.23, -53.25, 67.25
CIELCh	72, 85.783, 128.371
Yxy	44.0048, 0.3370, 0.5575
Android (android.graphics.Color)	4285187870 (0xFF6AC71E)
YUV	151.9270, -60.1100, -40.2780
Hunter-Lab	66.3361, -44.5073, 38.9990

# Details

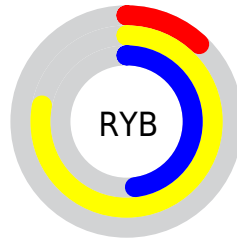
The Hex color **6AC71E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **7B1EC7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A5FF5D**, and **2A9000** is the 20% darker color. If you saturate the color by 10%, you get **5FC70A**, and if you desaturate by 10%, it is **75C732**.

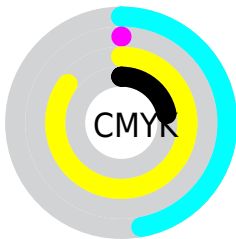
# Distribution



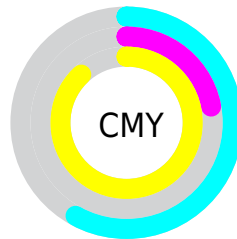
- Red (42%)
- Green (78%)
- Blue (12%)



- Red (12%)
- Yellow (78%)
- Blue (48%)



- Cyan (47%)
- Magenta (0%)
- Yellow (85%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AC71E 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 6AC71E by changing the saturation by 10% instead.



 6AC71E

 6AC71E

FFFFFF

 4CAB00

 A5FF5D

 2A9000

 C2FF79

 007600

 E0FF95

 005C00

 FEFFB2

 004300

 FFFFCE

 002E00

 FFFFEC

 000F00

 000000

 6AC71E

 6AC71E

 5FC70A

 75C732

 59C700

 80C746

 8BC75A

 96C76E

 A1C782

 ACC795

 B7C7A9

 C2C7BD

 CDC7D1

# Harmonies

## Analogous

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



C0B500



6AC71E



00D174

# Triad

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



6AC71E



00C9FF



FF599F

# Complementary

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



6AC71E



7B1EC7

# 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.



FF6AED



6AC71E



00B4FF

# Square

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



6AC71E



00D3FF



CE91FF



FF7353

# Rectangle

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



6AC71E



00D4AA



CE91FF



FF59B9

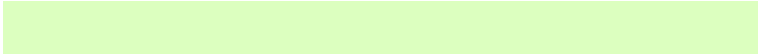


# Sweetspot

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



6AC71E



DCFFBF



C77B1E



6A8059



000000



808080



# Same Dimension

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



6AC71E



73FF00



1EC726



5E635A



49A300



102400



# Inverse Universe

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



7B1EC7



8C00FF



C71EBF



5F5A63



5A00A3



140024



# Previews

## White Background



This preview shows how the Hex color 6AC71E looks on a white background.

## Color Contrast Check

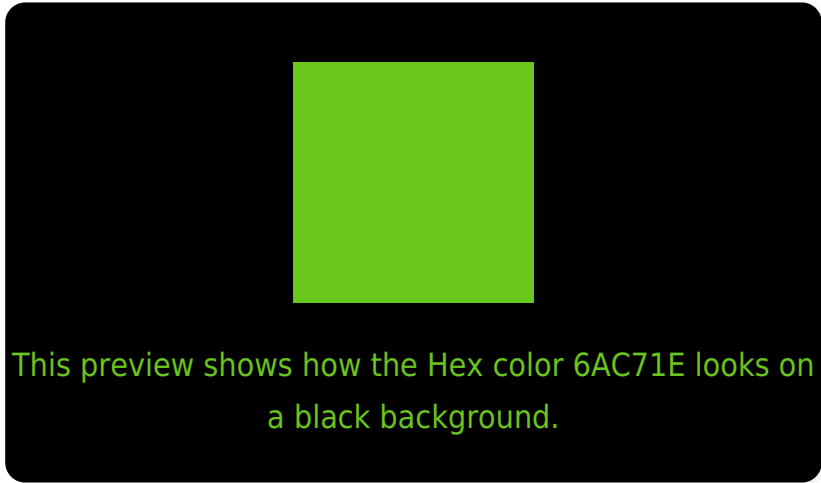
Large Text (above 18pt) WCAG AA × Fail

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 6AC71E Background



This preview shows how black text looks on a background with the Hex color 6AC71E.

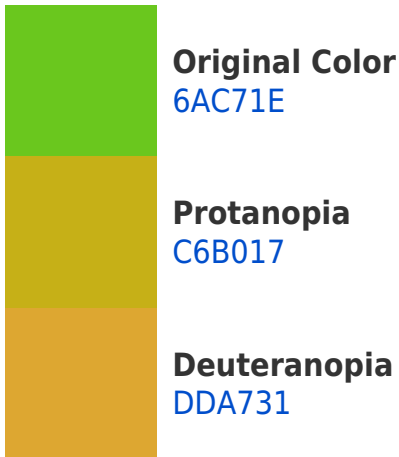


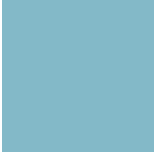
This preview shows how white text looks on a background with the Hex color 6AC71E.

# 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**  
83B9C8

# Trichromacy



**Original Color**  
6AC71E



**Protanomaly**  
A5B81A



**Deuteranomaly**  
B3B32A

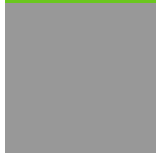


**Tritanomaly**  
7ABE8A

# Monochromacy



**Original Color**  
6AC71E



**Achromatopsia**  
989898



**Achromatomaly**  
87A96C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AC71E 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 #6AC71E looks like.

```
.text, #text, p{  
    color:#6AC71E  
}
```

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 #6AC71E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC71E
}
```

## Border

The CSS property to change the border of an element to Hex 6AC71E 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".

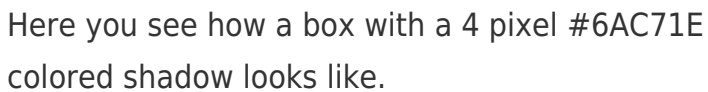
```
.border, #border, table{ border:4px solid
#6AC71E }
```

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

```
.border{ border-color:#6AC71E }
```

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

Here you see how a box with a 4 pixel #6AC71E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC71E; -webkit-box-shadow:4px 4px  
4px 4px #6AC71E; box-shadow:4px 4px 4px  
4px #6AC71E }
```

# Background

The CSS property to change the background color of an element to Hex 6AC71E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC71E }
```

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

```
.background{ background-color:#6AC71E }
```

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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