

Converting Colors

Hex(67C81E)

Have a look what the booklet for
Hex(67C81E) contains.

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Color

Hex(67C81E)

Conversions

Conversions Part 1

Format	Color
Hex	67C81E
RGB	103, 200, 30
RGB Percent	40%, 78%, 12%
CMY	0.5961, 0.2157, 0.8824
CMYK	0.48, 0.00, 0.85, 0.22
HSL	94°, 74%, 45%
HSV	94°, 85%, 78%
XYZ	26.4821, 44.2859, 8.3806
YIQ	151.6170, -3.2420, -73.4340

Conversions

Conversions Part 2

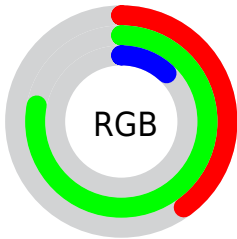
Format	Color
RYB	30, 200, 127
Decimal	6801438
CIELab	72.42, -54.55, 67.37
CIELCh	72, 86.686, 128.996
Yxy	44.2859, 0.3346, 0.5595
Android (android.graphics.Color)	4284991518 (0xFF67C81E)
YUV	151.6170, -59.9572, -42.6371
Hunter-Lab	66.5476, -45.4256, 39.1167

Details

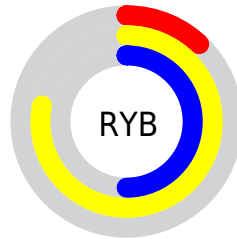
The Hex color **67C81E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **7F1EC8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A2FF5D**, and **249100** is the 20% darker color. If you saturate the color by 10%, you get **5CC80A**, and if you desaturate by 10%, it is **72C832**.

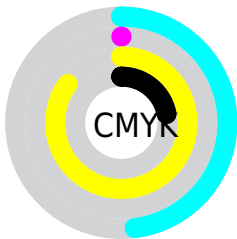
Distribution



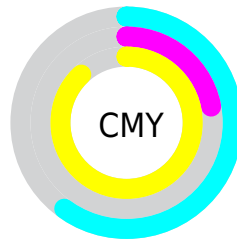
- Red (40%)
- Green (78%)
- Blue (12%)



- Red (12%)
- Yellow (78%)
- Blue (50%)



- Cyan (48%)
- Magenta (0%)
- Yellow (85%)
- Black (22%)



- Cyan (60%)
- Magenta (22%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67C81E 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 67C81E by changing the saturation by 10% instead.

 67C81E

 67C81E

FFFFFF

 48AC00

 A2FF5D

 249100

 C0FF79

 007700

 DEFF95

 005D00

 FCFFB2

 004400

 FFFFCF

 002E00

 FFFFEC

 001000

 000000

 67C81E

 67C81E

■ 5CC80A

■ 72C832

■ 56C800

■ 7EC846

■ 89C85A

■ 95C86E

■ A0C882

■ ABC896

■ B7C8AA

■ C2C8BE

■ CEC8D2

Harmonies

Analogous

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



BFB600



67C81E



00D275

Triad

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



67C81E



00C9FF



FF589D

Complementary

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



67C81E



7F1EC8

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.



FF68EC



67C81E



00B4FF

Square

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



67C81E



00D3FF



D191FF



FF7351

Rectangle

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



67C81E



00D5AC



D191FF



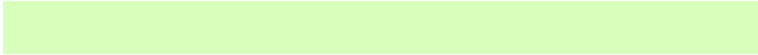
FF58B8

Sweetspot

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



67C81E



D9FFBD



C87E1E



698058



000000



808080

Same Dimension

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



67C81E



6DFF00



1EC829



5E635A



46A300



0F2400

Inverse Universe

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



7F1EC8



9200FF



C81EBD



5F5A63



5D00A3



140024

Previews

White Background



This preview shows how the Hex color 67C81E looks on a white background.

Color Contrast Check

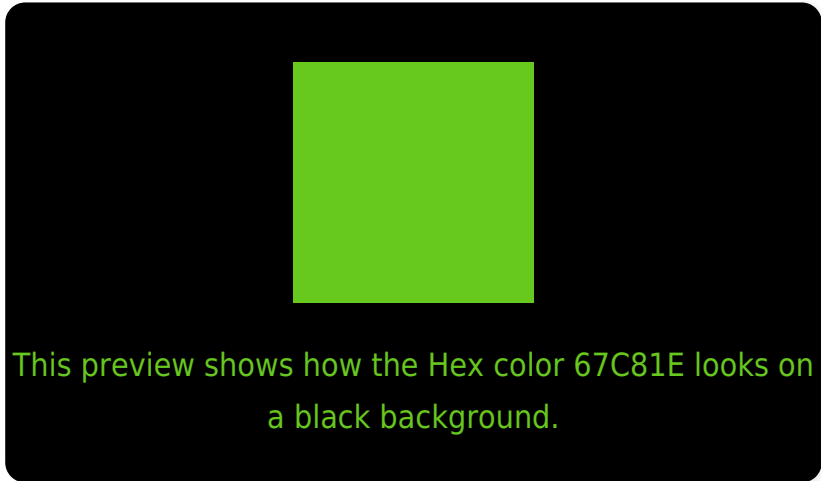
Large Text (above 18pt) WCAG AA × Fail

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 67C81E Background



This preview shows how black text looks on a background with the Hex color 67C81E.

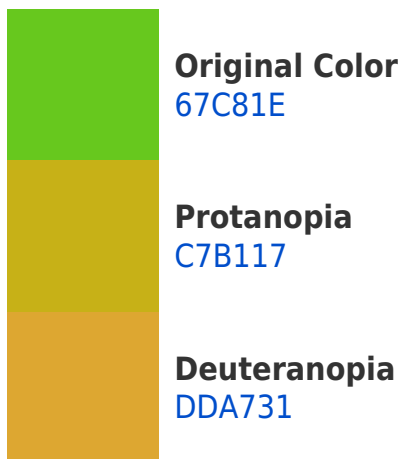


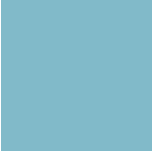
This preview shows how white text looks on a background with the Hex color 67C81E.

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
81BAC9

Trichromacy



Original Color
67C81E



Protanomaly
A4B91A



Deuteranomaly
B2B32A



Tritanomaly
78BF8B

Monochromacy



Original Color
67C81E



Achromatopsia
989898



Achromatomaly
86A96C

CSS Examples

Text

The CSS property to change the color of the text to Hex 67C81E 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 #67C81E looks like.

```
.text, #text, p{  
    color:#67C81E  
}
```

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 #67C81E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C81E
}
```

Border

The CSS property to change the border of an element to Hex 67C81E 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
#67C81E }
```

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

```
.border{ border-color:#67C81E }
```

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

Here you see how a box with a 4 pixel #67C81E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C81E; -webkit-box-shadow:4px 4px  
4px 4px #67C81E; box-shadow:4px 4px 4px  
4px #67C81E }
```

Background

The CSS property to change the background color of an element to Hex 67C81E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C81E }
```

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

```
.background{ background-color:#67C81E }
```

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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