

Converting Colors

Hex(C6FF0E)

Have a look what the booklet for
Hex(C6FF0E) contains.

Hex(C6FF0E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C6FF0E)

Conversions

Conversions Part 1

Format	Color
Hex	C6FF0E
RGB	198, 255, 14
RGB Percent	78%, 100%, 5%
CMY	0.2235, 0.0000, 0.9451
CMYK	0.22, 0.00, 0.95, 0.00
HSL	74°, 100%, 53%
HSV	74°, 95%, 100%
XYZ	59.1280, 83.5575, 13.4273
YIQ	210.4830, 43.3890, -87.0350

Conversions

Conversions Part 2

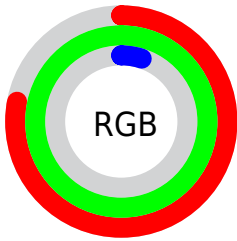
Format	Color
RYB	14, 255, 71
Decimal	13041422
CIELab	93.26, -44.11, 88.83
CIELCh	93, 99.175, 116.408
Yxy	83.5575, 0.3788, 0.5352
Android (android.graphics.Color)	4291231502 (0xFFC6FF0E)
YUV	210.4830, -96.8661, -10.9476
Hunter-Lab	91.4098, -44.5053, 55.2777

Details

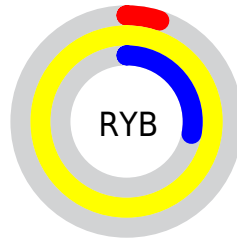
The Hex color **C6FF0E** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **470EFF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF62**, and **8AC600** is the 20% darker color. If you saturate the color by 10%, you get **C3FF00**, and if you desaturate by 10%, it is **CCFF28**.

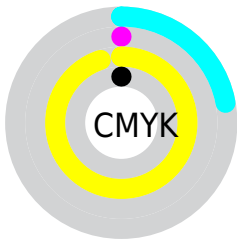
Distribution



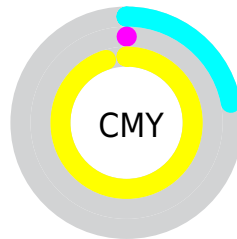
- Red (78%)
- Green (100%)
- Blue (5%)



- Red (5%)
- Yellow (100%)
- Blue (28%)



- Cyan (22%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6FF0E 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 C6FF0E by changing the saturation by 10% instead.

 C6FF0E

 C6FF0E

FFFFFF

 A8E200

 FFFF62

 8AC600

 FFFF81

 6CAB00

 FFFF9F

 4F9000

 FFFFBD

 2E7600

 FFFFDB

 005D00

 FFFFF9

 004400

 002E00

 001400

 C6FF0E

 C6FF0E

 C3FF00

 CCFF28

 D2FF41

 D8FF5B

 DEFF74

 E4FF8E

 EAFFA7

 F0FFC1

 F6FFDA

 FCFFF4

Harmonies

Analogous

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



FFE300



C6FF0E



00FF7B

Triad

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



C6FF0E



00FFFF



FF88FB

Complementary

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



C6FF0E



470EFF

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.



FFA9FF



C6FF0E



00FBFF

Square

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



C6FF0E



00FFFF



D1D7FF



FF939D

Rectangle

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



C6FF0E



00FFBB



D1D7FF



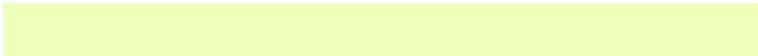
FF8FFF

Sweetspot

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



C6FF0E



EEFFB8



FF460E



758054



000000



808080

Same Dimension

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



C6FF0E



C3FF00



4EFF0E



7C8073



92BF00



314000

Inverse Universe

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



470EFF



3C00FF



BF0EFF



767380



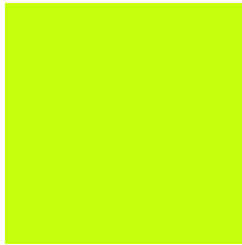
2D00BF



0F0040

Previews

White Background



This preview shows how the Hex color C6FF0E looks on a white background.

Color Contrast Check

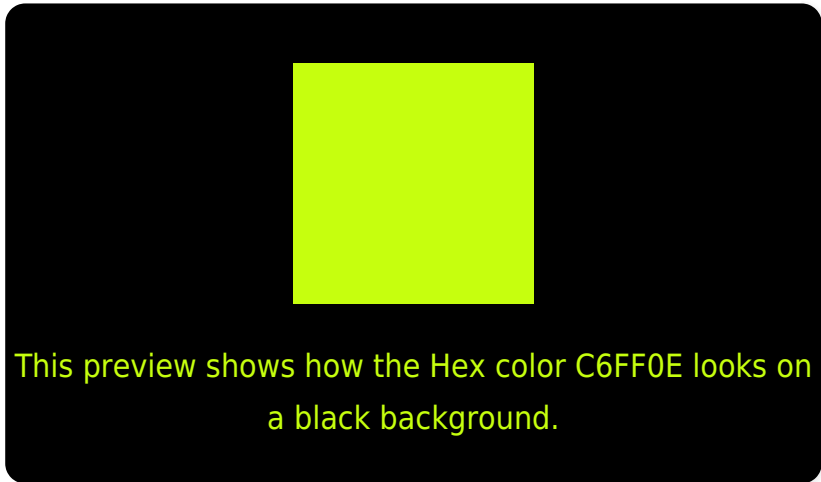
Large Text (above 18pt) WCAG AA × Fail

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 C6FF0E Background



This preview shows how black text looks on a background with the Hex color C6FF0E.

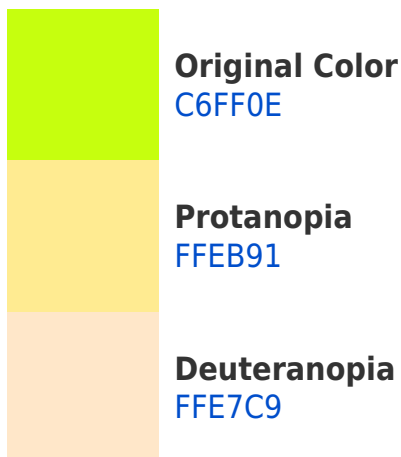


This preview shows how white text looks on a background with the Hex color C6FF0E.

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](#).

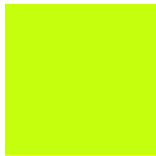
Dichromacy



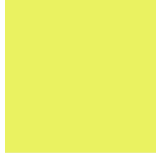


Tritanopia
DDEDFF

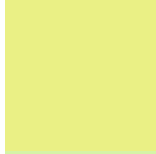
Trichromacy



Original Color
C6FF0E



Protanomaly
EAF261

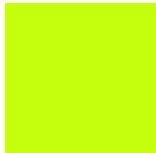


Deuteranomaly
EAF085

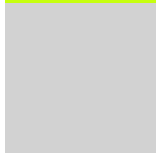


Tritanomaly
D5F4A7

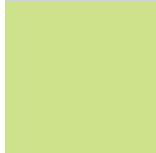
Monochromacy



Original Color
C6FF0E



Achromatopsia
D2D2D2



Achromatomaly
CEE28B

CSS Examples

Text

The CSS property to change the color of the text to Hex C6FF0E 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 #C6FF0E looks like.

```
.text, #text, p{  
    color:#C6FF0E  
}
```

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 #C6FF0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6FF0E
}
```

Border

The CSS property to change the border of an element to Hex C6FF0E 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
#C6FF0E }
```

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

```
.border{ border-color:#C6FF0E }
```

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

Here you see how a box with a 4 pixel #C6FF0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6FF0E; -webkit-box-shadow:4px 4px  
4px 4px #C6FF0E; box-shadow:4px 4px 4px  
4px #C6FF0E }
```

Background

The CSS property to change the background color of an element to Hex C6FF0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6FF0E }
```

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

```
.background{ background-color:#C6FF0E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor