

Converting Colors

Hex(C8F80A)

Have a look what the booklet for
Hex(C8F80A) contains.

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Color

Hex(C8F80A)

Conversions

Conversions Part 1

Format	Color
Hex	C8F80A
RGB	200, 248, 10
RGB Percent	78%, 97%, 4%
CMY	0.2157, 0.0275, 0.9608
CMYK	0.19, 0.00, 0.96, 0.03
HSL	72°, 94%, 51%
HSV	72°, 96%, 97%
XYZ	57.4416, 79.4361, 12.5924
YIQ	206.5160, 47.7900, -84.1940

Conversions

Conversions Part 2

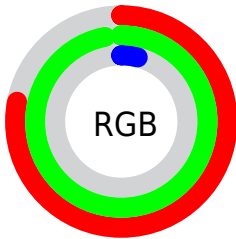
Format	Color
RYB	10, 248, 58
Decimal	13170698
CIELab	91.43, -40.33, 87.78
CIELCh	91, 96.607, 114.677
Yxy	79.4361, 0.3843, 0.5315
Android (android.graphics.Color)	4291360778 (0xFFC8F80A)
YUV	206.5160, -96.8824, -5.7145
Hunter-Lab	89.1269, -40.9302, 54.0120

Details

The Hex color **C8F80A** 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 **3A0AF8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF5F**, and **8CBF00** is the 20% darker color. If you saturate the color by 10%, you get **C6F800**, and if you desaturate by 10%, it is **CDF823**.

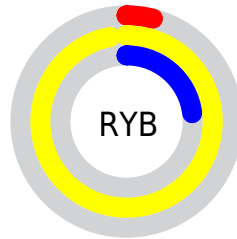
Distribution



Red (78%)

Green (97%)

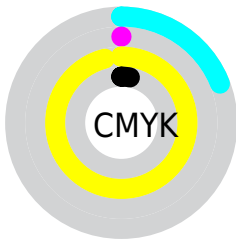
Blue (4%)



Red (4%)

Yellow (97%)

Blue (23%)

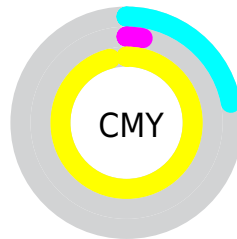


Cyan (19%)

Magenta (0%)

Yellow (96%)

Black (3%)



Cyan (22%)

Magenta (3%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8F80A 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 C8F80A by changing the saturation by 10% instead.

 C8F80A

 C8F80A

FFFFFF

 AADB00

 FFFF5F

 8CBF00

 FFFF7E

 6FA400

 FFFF9C

 528A00

 FFFFBA

 337000

 FFFFD8

 0C5700

 FFFFF6

 003F00

 002A00

 000A00

 C8F80A

 C8F80A

 C6F800

 CDF823

 D2F83C

 D7F854

 DCF86D

 E1F886

 E6F89F

 EBF8B8

 F0F8D0

 F5F8E9

Harmonies

Analogous

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



FFDC00



C8F80A



30FF74

Triad

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



C8F80A



00FFFF



FF87FB

Complementary

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



C8F80A



3A0AF8

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



C8F80A



00F7FF

Square

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



C8F80A



00FFFF



C2D5FF



FF8F9F

Rectangle

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



C8F80A



00FFB2



C2D5FF



FF8FFF

Sweetspot

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



C8F80A



F0FFB5



F83A0A



768053



000000



808080

Same Dimension

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



C8F80A



CCFF00



51F80A



7A7D70



97BD00



313D00

Inverse Universe

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



3A0AF8



3300FF



B10AF8



73707D



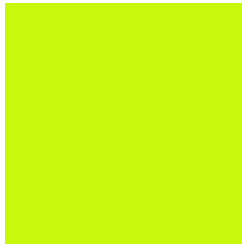
2600BD



0C003D

Previews

White Background



This preview shows how the Hex color C8F80A looks on a white background.

Color Contrast Check

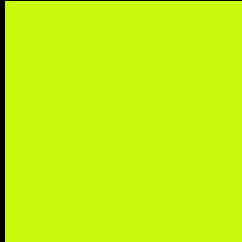
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C8F80A looks on a 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 C8F80A Background



This preview shows how black text looks on a background with the Hex color C8F80A.

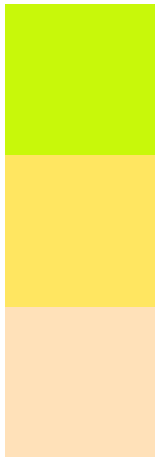


This preview shows how white text looks on a background with the Hex color C8F80A.

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
C8F80A

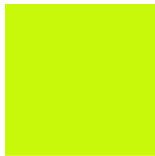
Protanopia
FFE661

Deuteranopia
FFE1B9



Tritanopia
DDE7F9

Trichromacy



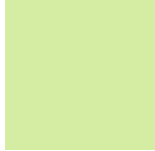
Original Color
C8F80A



Protanomaly
EBED41



Deuteranomaly
EBE979

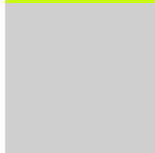


Tritanomaly
D5EDA2

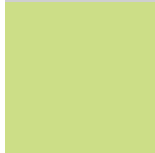
Monochromacy



Original Color
C8F80A



Achromatopsia
CFCFCF



Achromatomaly
CCDE87

CSS Examples

Text

The CSS property to change the color of the text to Hex C8F80A 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 #C8F80A looks like.

```
.text, #text, p{  
    color:#C8F80A  
}
```

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 #C8F80A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8F80A
}
```

Border

The CSS property to change the border of an element to Hex C8F80A 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
#C8F80A }
```

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

```
.border{ border-color:#C8F80A }
```

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

Here you see how a box with a 4 pixel #C8F80A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8F80A; -webkit-box-shadow:4px 4px  
4px 4px #C8F80A; box-shadow:4px 4px 4px  
4px #C8F80A }
```

Background

The CSS property to change the background color of an element to Hex C8F80A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8F80A }
```

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

```
.background{ background-color:#C8F80A }
```

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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