

# Converting Colors

Hex(88C828)

Have a look what the booklet for  
Hex(88C828) contains.

<b>Hex(88C828)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(88C828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88C828
RGB	136, 200, 40
RGB Percent	53%, 78%, 16%
CMY	0.4667, 0.2157, 0.8431
CMYK	0.32, 0.00, 0.80, 0.22
HSL	84°, 67%, 47%
HSV	84°, 80%, 78%
XYZ	31.1906, 46.6960, 9.3768
YIQ	162.6240, 13.2160, -63.3280

# Conversions

## Conversions Part 2

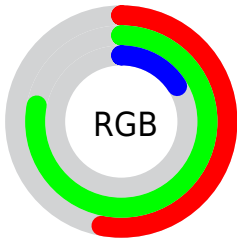
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 200, 104
Decimal	8964136
CIELab	73.99, -43.03, 66.84
CIELCh	74, 79.496, 122.772
Yxy	46.6960, 0.3574, 0.5351
Android (android.graphics.Color)	4287154216 (0xFF88C828)
YUV	162.6240, -60.4536, -23.3492
Hunter-Lab	68.3345, -38.1107, 39.6984

# Details

The Hex color **88C828** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **6828C8**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C2FF64**, and **4F9200** is the 20% darker color. If you saturate the color by 10%, you get **80C814**, and if you desaturate by 10%, it is **90C83C**.

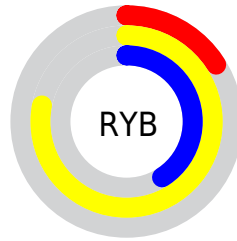
# Distribution



Red (53%)

Green (78%)

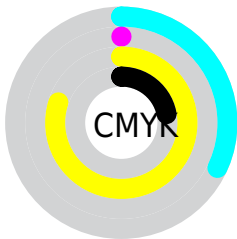
Blue (16%)



Red (16%)

Yellow (78%)

Blue (41%)

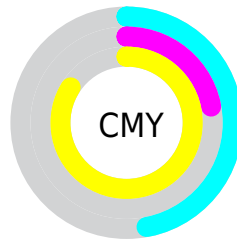


Cyan (32%)

Magenta (0%)

Yellow (80%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88C828 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 88C828 by changing the saturation by 10% instead.



 88C828

 88C828

FFFFFF

 6CAC00

 C2FF64

 4F9200

 DFFF80

 317700

 FDF99C

 0B5E00

 FFFF80

 004600

 FFFF80

 002F00

 FFFF80

 001700

 000000

 88C828

 88C828

 80C814

 90C83C

 78C800

 98C850

 A0C864

 A8C878

 B0C88C

 B8C8A0

 C0C8B4

 C8C8C8

 D0C8DC

# Harmonies

## Analogous

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



D3B500



88C828



00D36F

# Triad

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



88C828



00CFFF



FF6AB2

# Complementary

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



88C828



6828C8

# 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.



FF7DFA



88C828



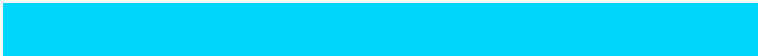
00BDFF

# Square

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



88C828



00D7FF



BD9FFF



FF796B

# Rectangle

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



88C828



00D6A1



BD9FFF



FF6DCB

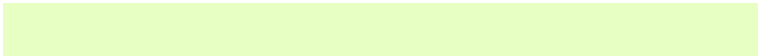


# Sweetspot

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



88C828



E7FFC2



C86828



71805B



000000



808080



# Same Dimension

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



88C828



9DFF0A



38C828



5F635A



62A300



152400



# Inverse Universe

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



6828C8



6C0AFF



B828C8



5D5A63



4100A3



0E0024



# Previews

## White Background



This preview shows how the Hex color 88C828 looks on a white background.

## Color Contrast Check

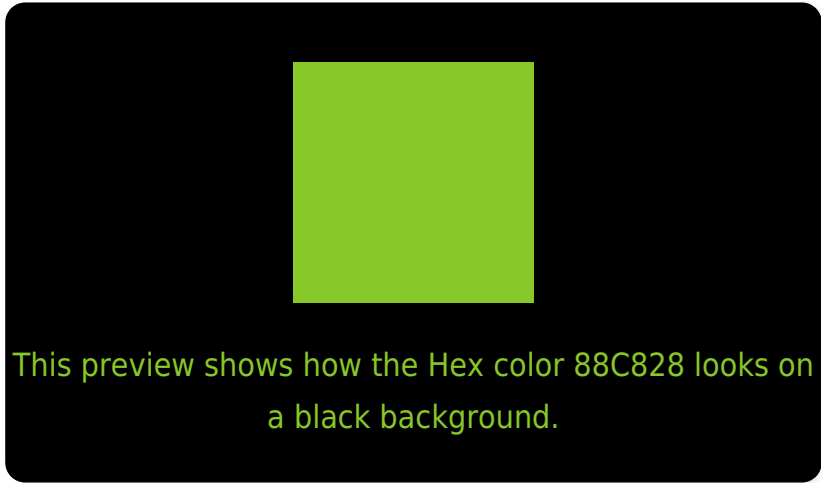
Large Text (above 18pt) WCAG AA × Fail

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 88C828 Background



This preview shows how black text looks on a background with the Hex color 88C828.

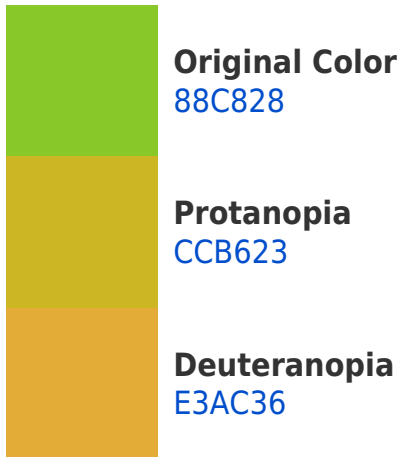


This preview shows how white text looks on a background with the Hex color 88C828.

# 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**  
9BBAC9

# Trichromacy



**Original Color**  
88C828



**Protanomaly**  
B3BD25



**Deuteranomaly**  
C2B631



**Tritanomaly**  
94BF8E

# Monochromacy



**Original Color**  
88C828



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
99B076

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88C828 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 #88C828 looks like.

```
.text, #text, p{  
    color:#88C828  
}
```

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 #88C828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88C828
}
```

## Border

The CSS property to change the border of an element to Hex 88C828 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
#88C828 }
```

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

```
.border{ border-color:#88C828 }
```

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

Here you see how a box with a 4 pixel #88C828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88C828; -webkit-box-shadow:4px 4px  
4px 4px #88C828; box-shadow:4px 4px 4px  
4px #88C828 }
```

# Background

The CSS property to change the background color of an element to Hex 88C828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88C828 }
```

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

```
.background{ background-color:#88C828 }
```

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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