

Converting Colors

Hex(88C61C)

Have a look what the booklet for
Hex(88C61C) contains.

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Color

Hex(88C61C)

Conversions

Conversions Part 1

Format	Color
Hex	88C61C
RGB	136, 198, 28
RGB Percent	53%, 78%, 11%
CMY	0.4667, 0.2235, 0.8902
CMYK	0.31, 0.00, 0.86, 0.22
HSL	82°, 75%, 44%
HSV	82°, 86%, 78%
XYZ	30.5570, 45.7062, 8.3103
YIQ	160.0820, 17.6180, -66.0140

Conversions

Conversions Part 2

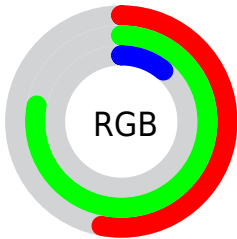
Format	Color
R_{YB}	28, 198, 90
Decimal	8963612
CIE _{Lab}	73.35, -42.62, 69.22
CIE _{LCh}	73, 81.293, 121.622
Yxy	45.7062, 0.3613, 0.5404
Android (android.graphics.Color)	4287153692 (0xFF88C61C)
YUV	160.0820, -65.1164, -21.1199
Hunter-Lab	67.6064, -37.6320, 40.0365

Details

The Hex color **88C61C** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **5A1CC6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C2FF5C**, and **4F9000** is the 20% darker color. If you saturate the color by 10%, you get **81C608**, and if you desaturate by 10%, it is **8FC630**.

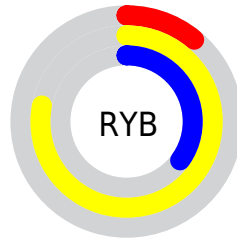
Distribution



Red (53%)

Green (78%)

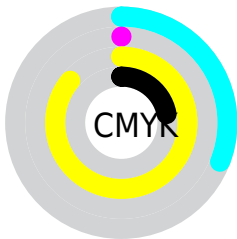
Blue (11%)



Red (11%)

Yellow (78%)

Blue (35%)

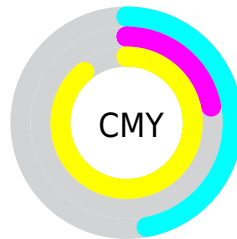


Cyan (31%)

Magenta (0%)

Yellow (86%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88C61C 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 88C61C by changing the saturation by 10% instead.

 88C61C

 88C61C


FFFFFF

 6BAA00

 C2FF5C

 4F9000

 DFFF78

 317600

 FDFF95

 0A5C00

 FFFFB1

 004400

 FFFFCE

 002E00


 FFFFEB

 001400

 000000

 88C61C

 88C61C

 81C608

 8FC630

 7EC600

 96C644

 9EC657

 A5C66B

 ACC67F

 B3C693

 BBC6A7

 C2C6BA

 C9C6CE

Harmonies

Analogous

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



D3B200



88C61C



00D169

Triad

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



88C61C



00CEFF



FF65B3

Complementary

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



88C61C



5A1CC6

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.



FF7AFC



88C61C



00BCFF

Square

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



88C61C



00D5FF



B79EFF



FF746A

Rectangle

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



88C61C



00D59C



B79EFF



FF68CC

Sweetspot

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



88C61C



E7FFBD



C6581C



718058



000000



808080

Same Dimension

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



88C61C



A2FF00



35C61C



60635A



68A300



172400

Inverse Universe

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



5A1CC6



5D00FF



AC1CC6



5D5A63



3C00A3



0D0024

Previews

White Background



This preview shows how the Hex color 88C61C looks on a white background.

Color Contrast Check

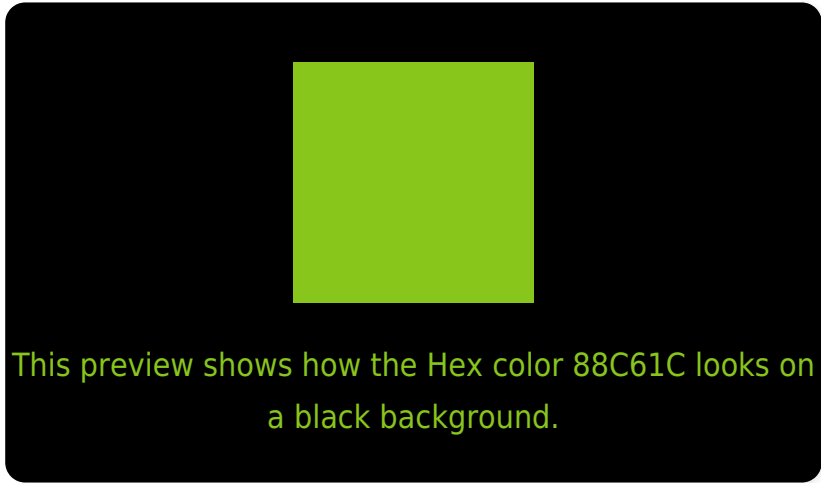
Large Text (above 18pt) WCAG AA × Fail

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 88C61C Background



This preview shows how black text looks on a background with the Hex color 88C61C.



This preview shows how white text looks on a background with the Hex color 88C61C.

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
88C61C

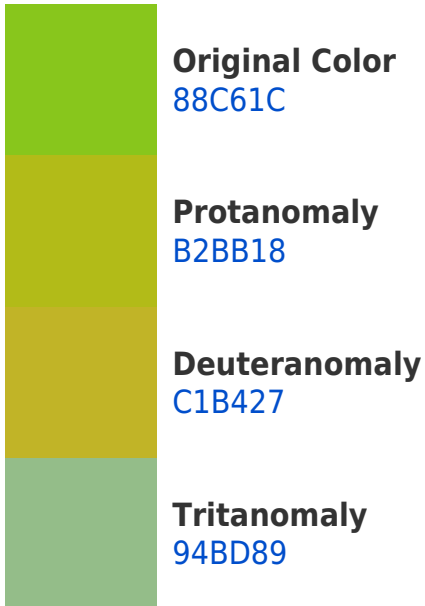
Protanopia
CAB416

Deuteranopia
E1AA2E

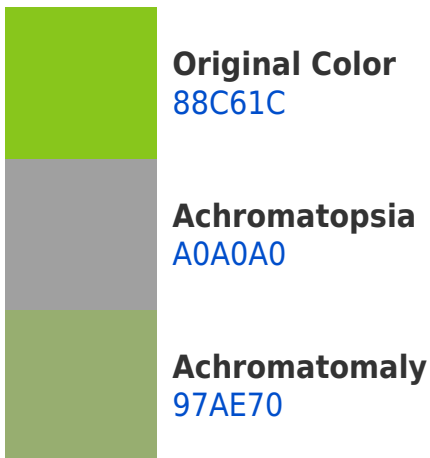


Tritanopia
9BB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88C61C 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 #88C61C looks like.

```
.text, #text, p{  
    color:#88C61C  
}
```

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 #88C61C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88C61C
}
```

Border

The CSS property to change the border of an element to Hex 88C61C 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
#88C61C }
```

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

```
.border{ border-color:#88C61C }
```

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

Here you see how a box with a 4 pixel #88C61C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88C61C; -webkit-box-shadow:4px 4px  
4px 4px #88C61C; box-shadow:4px 4px 4px  
4px #88C61C }
```

Background

The CSS property to change the background color of an element to Hex 88C61C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88C61C }
```

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

```
.background{ background-color:#88C61C }
```

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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