

# Converting Colors

Hex(88C601)

Have a look what the booklet for  
Hex(88C601) contains.

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**Color**

**Hex(88C601)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88C601
RGB	136, 198, 1
RGB Percent	53%, 78%, 0%
CMY	0.4667, 0.2235, 0.9961
CMYK	0.31, 0.00, 0.99, 0.22
HSL	79°, 99%, 39%
HSV	79°, 99%, 78%
XYZ	30.3529, 45.6246, 7.2354
YIQ	157.0040, 26.2850, -74.4110

# Conversions

## Conversions Part 2

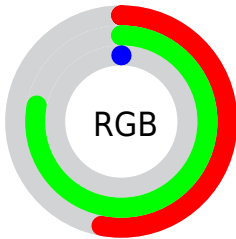
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 198, 63
Decimal	8963585
CIELab	73.30, -43.16, 72.96
CIELCh	73, 84.768, 120.605
Yxy	45.6246, 0.3648, 0.5483
Android (android.graphics.Color)	4287153665 (0xFF88C601)
YUV	157.0040, -76.9100, -18.4205
Hunter-Lab	67.5460, -37.9935, 40.9312

# Details

The Hex color **88C601** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **3F01C6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C2FF52**, and **4E9000** is the 20% darker color. If you saturate the color by 10%, you get **88C600**, and if you desaturate by 10%, it is **8EC615**.

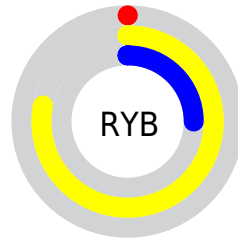
# Distribution



Red (53%)

Green (78%)

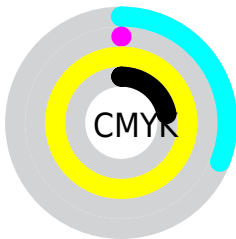
Blue (0%)



Red (0%)

Yellow (78%)

Blue (25%)

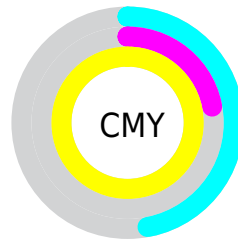


Cyan (31%)

Magenta (0%)

Yellow (99%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88C601 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 88C601 by changing the saturation by 10% instead.



 88C601

 88C601


FFFFFF

 6BAA00

 C2FF52

 4E9000

 E0FF6F

 317600

 FEFF8C

 055C00

 FFFFA8

 004400

 FFFFC5

 002E00

 FFFFE3

 001400

 000000

 88C601

 88C601

■ 88C600

■ 8EC615

■ 94C629

■ 9BC63C

■ A1C650

■ A7C664

■ ADC678

■ B4C68C

■ BAC69F

■ C0C6B3

# Harmonies

## Analogous

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



D6B100



88C601



00D263

# Triad

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



88C601



00CFFF



FF5EB6

# Complementary

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



88C601



3F01C6

# 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.



FF78FF



88C601



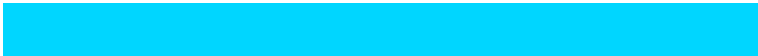
00BDFE

# Square

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



88C601



00D6FF



B19EFF



FF6E6A

# Rectangle

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



88C601



00D698



B19EFF



FF63D0

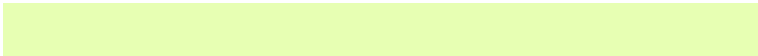


# Sweetspot

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



88C601



E7FFB3



C63C01



718052



000000



808080



# Same Dimension

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



88C601



AFFF00



28C601



60635A



70A300



182400



# Inverse Universe

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



3F01C6



5000FF



9F01C6



5D5A63



3300A3

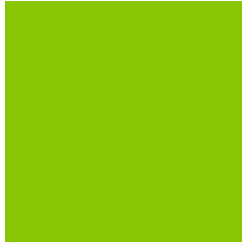


0B0024



# Previews

## White Background



This preview shows how the Hex color 88C601 looks on a white background.

## Color Contrast Check

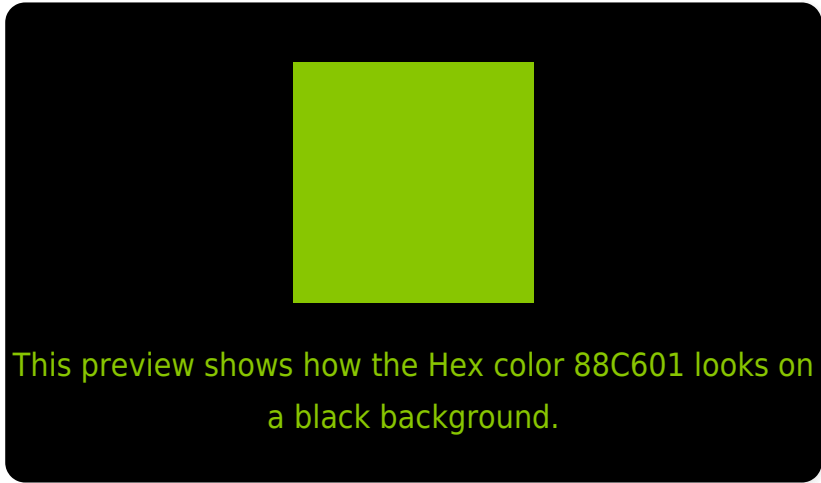
Large Text (above 18pt) WCAG AA × Fail

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 88C601 Background



This preview shows how black text looks on a background with the Hex color 88C601.

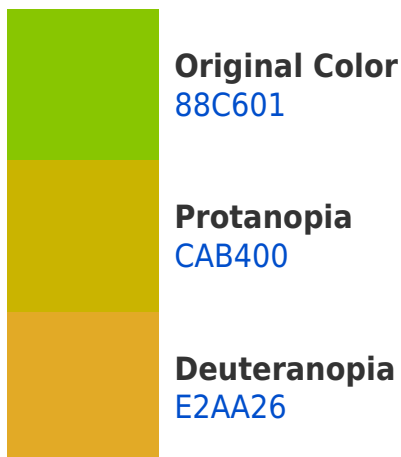


This preview shows how white text looks on a background with the Hex color 88C601.

# 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**  
9BB8C7

# Trichromacy



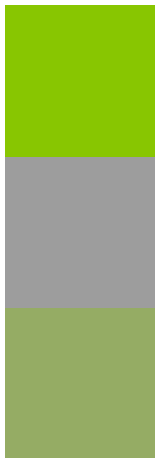
**Original Color**  
88C601

**Protanomaly**  
B2BB00

**Deuteranomaly**  
C1B419

**Tritanomaly**  
94BD7F

# Monochromacy



**Original Color**  
88C601

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
95AC64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88C601 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 #88C601 looks like.

```
.text, #text, p{  
    color:#88C601  
}
```

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 #88C601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88C601
}
```

## Border

The CSS property to change the border of an element to Hex 88C601 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
#88C601 }
```

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

```
.border{ border-color:#88C601 }
```

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

Here you see how a box with a 4 pixel #88C601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88C601; -webkit-box-shadow:4px 4px  
4px 4px #88C601; box-shadow:4px 4px 4px  
4px #88C601 }
```

# Background

The CSS property to change the background color of an element to Hex 88C601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88C601 }
```

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

```
.background{ background-color:#88C601 }
```

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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