

# Converting Colors

Hex(86C707)

Have a look what the booklet for  
Hex(86C707) contains.

<b>Hex(86C707)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(86C707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86C707
RGB	134, 199, 7
RGB Percent	53%, 78%, 3%
CMY	0.4745, 0.2196, 0.9725
CMYK	0.33, 0.00, 0.96, 0.22
HSL	80°, 93%, 40%
HSV	80°, 96%, 78%
XYZ	30.2933, 45.9305, 7.4699
YIQ	157.6770, 22.8920, -73.4920

# Conversions

## Conversions Part 2

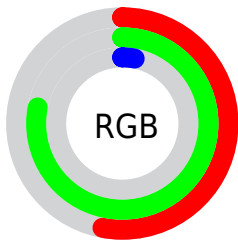
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 199, 72
Decimal	8832775
CIELab	73.50, -44.24, 72.44
CIELCh	74, 84.878, 121.414
Yxy	45.9305, 0.3620, 0.5488
Android (android.graphics.Color)	4287022855 (0xFF86C707)
YUV	157.6770, -74.2838, -20.7647
Hunter-Lab	67.7721, -38.8138, 40.9055

# Details

The Hex color **86C707** 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 **4807C7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C0FF54**, and **4C9100** is the 20% darker color. If you saturate the color by 10%, you get **84C700**, and if you desaturate by 10%, it is **8DC71B**.

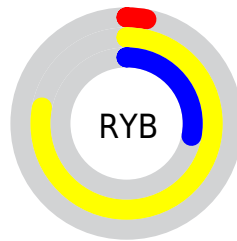
# Distribution



Red (53%)

Green (78%)

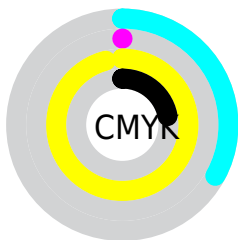
Blue (3%)



Red (3%)

Yellow (78%)

Blue (28%)

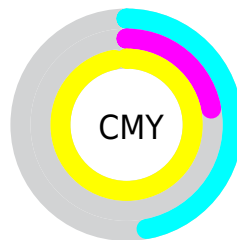


Cyan (33%)

Magenta (0%)

Yellow (96%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86C707 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 86C707 by changing the saturation by 10% instead.



 86C707

 86C707

FFFFFF

 69AB00

 C0FF54

 4C9100

 DEFF71

 2E7600

 FCFF8D

 005D00

 FFFFAA

 004500

 FFFFC7

 002E00

 FFFFEE

 001500

 000000

 86C707

 86C707

■ 84C700

■ 8DC71B

■ 93C72F

■ 9AC743

■ A1C757

■ A8C76B

■ AEC77E

■ B5C792

■ BCC7A6

■ C3C7BA

# Harmonies

## Analogous

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



D5B200



86C707



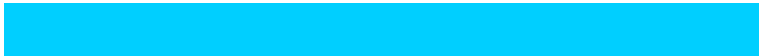
00D265

# Triad

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



86C707



00CFFF



FF5FB4

# Complementary

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



86C707



4807C7

# 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.



FF77FF



86C707



00BDFE

# Square

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



86C707



00D7FF



B59EFF



FF6F68

# Rectangle

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



86C707



00D69B



B59EFF



FF63CE



# Sweetspot

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



86C707



E6FFB5



C74707



708053



000000



808080



# Same Dimension

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



86C707



A9FF00



27C707



60635A



6CA300



182400



# Inverse Universe

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



4807C7



5600FF



A707C7



5D5A63



3700A3



0C0024



# Previews

## White Background



This preview shows how the Hex color 86C707 looks on a white background.

## Color Contrast Check

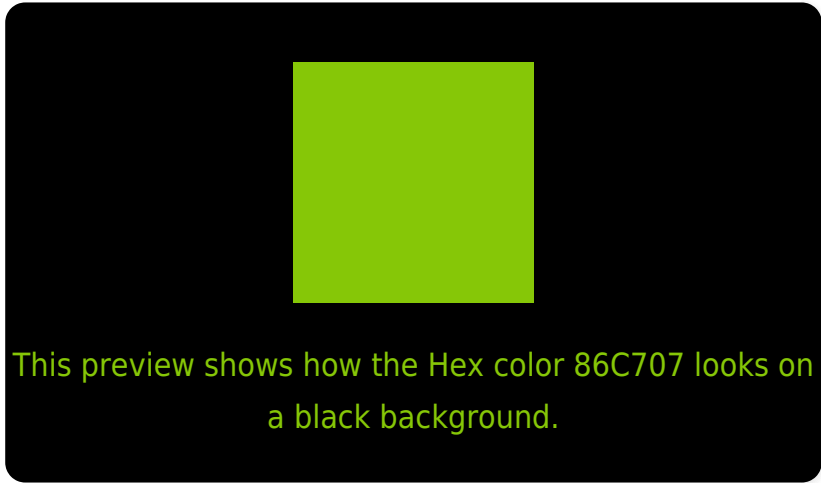
Large Text (above 18pt) WCAG AA × Fail

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 86C707 Background



This preview shows how black text looks on a background with the Hex color 86C707.

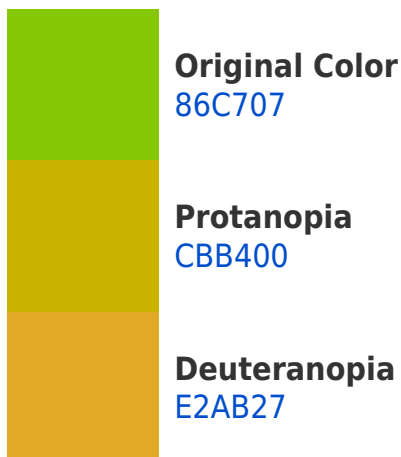


This preview shows how white text looks on a background with the Hex color 86C707.

# 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**  
9AB9C8

# Trichromacy



**Original Color**  
86C707



**Protanomaly**  
B2BB03



**Deuteranomaly**  
C1B51B

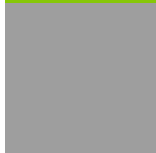


**Tritanomaly**  
93BE82

# Monochromacy



**Original Color**  
86C707



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
95AD67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86C707 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 #86C707 looks like.

```
.text, #text, p{  
    color:#86C707  
}
```

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 #86C707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C707
}
```

## Border

The CSS property to change the border of an element to Hex 86C707 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
#86C707 }
```

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

```
.border{ border-color:#86C707 }
```

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

Here you see how a box with a 4 pixel #86C707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C707; -webkit-box-shadow:4px 4px  
4px 4px #86C707; box-shadow:4px 4px 4px  
4px #86C707 }
```

# Background

The CSS property to change the background color of an element to Hex 86C707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C707 }
```

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

```
.background{ background-color:#86C707 }
```

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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