

Converting Colors

Hex(86C900)

Have a look what the booklet for
Hex(86C900) contains.

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Color

Hex(86C900)

Conversions

Conversions Part 1

Format	Color
Hex	86C900
RGB	134, 201, 0
RGB Percent	53%, 79%, 0%
CMY	0.4745, 0.2118, 1.0000
CMYK	0.33, 0.00, 1.00, 0.21
HSL	80°, 100%, 39%
HSV	80°, 100%, 79%
XYZ	30.7182, 46.8416, 7.4223
YIQ	158.0530, 24.5890, -76.7150

Conversions

Conversions Part 2

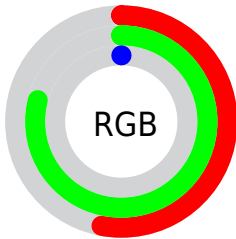
Format	Color
RYB	0, 201, 67
Decimal	8833280
CIELab	74.09, -45.18, 73.62
CIELCh	74, 86.384, 121.538
Yxy	46.8416, 0.3615, 0.5512
Android (android.graphics.Color)	4287023360 (0xFF86C900)
YUV	158.0530, -77.9201, -21.0945
Hunter-Lab	68.4409, -39.6560, 41.4787

Details

The Hex color **86C900** 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 **4300C9**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C0FF52**, and **4C9200** is the 20% darker color. If you saturate the color by 10%, you get **86C900**, and if you desaturate by 10%, it is **8DC914**.

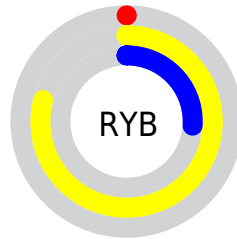
Distribution



Red (53%)

Green (79%)

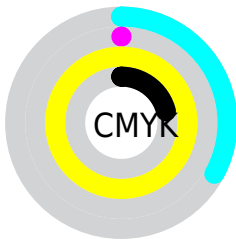
Blue (0%)



Red (0%)

Yellow (79%)

Blue (26%)

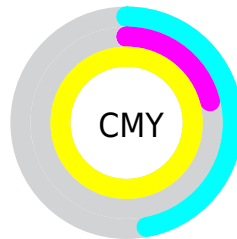


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (47%)

Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C900 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 86C900 by changing the saturation by 10% instead.

 86C900

 86C900

FFFFFF

 69AD00

 C0FF52

 4C9200

 DEFF6F

 2D7800

 FCFF8C

 005F00

 FFFFA9

 004600

 FFFFC6

 003000

 FFFF E3

 001700

 000000

 86C900

 8DC914

 93C928

 9AC93C

 A1C950

 A8C965

 AEC979

 B5C98D

 BCC9A1

 C2C9B5

Harmonies

Analogous

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



D6B400



86C900



00D565

Triad

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



86C900



00D1FF



FF5EB6

Complementary

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



86C900



4300C9

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



86C900



00BFFF

Square

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



86C900



00D9FF



B79FFF



FF6F68

Rectangle

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



86C900



00D99C



B79FFF



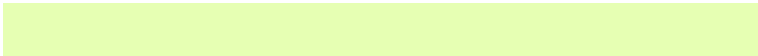
FF62D0

Sweetspot

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



86C900



E6FFB3



C94300



708052



000000



808080

Same Dimension

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



86C900



AAFF00



21C900



60635A



6DA300



182400

Inverse Universe

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



4300C9



5500FF



A800C9



5D5A63



3600A3



0C0024

Previews

White Background



This preview shows how the Hex color 86C900 looks on a white background.

Color Contrast Check

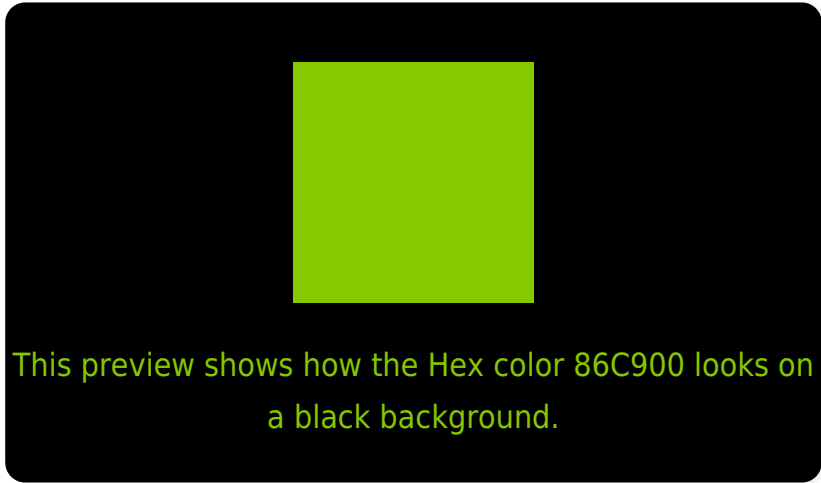
Large Text (above 18pt) WCAG AA × Fail

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 86C900 Background



This preview shows how black text looks on a background with the Hex color 86C900.



This preview shows how white text looks on a background with the Hex color 86C900.

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
86C900

Protanopia
CDB600

Deuteranopia
E4AC27



Tritanopia
9ABBCA

Trichromacy



Original Color
86C900



Protanomaly
B3BD00



Deuteranomaly
C2B719



Tritanomaly
93C081

Monochromacy



Original Color
86C900



Achromatopsia
9E9E9E



Achromatomaly
95AE65

CSS Examples

Text

The CSS property to change the color of the text to Hex 86C900 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 #86C900 looks like.

```
.text, #text, p{  
    color:#86C900  
}
```

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 #86C900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C900
}
```

Border

The CSS property to change the border of an element to Hex 86C900 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
#86C900 }
```

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

```
.border{ border-color:#86C900 }
```

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

Here you see how a box with a 4 pixel #86C900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C900; -webkit-box-shadow:4px 4px  
4px 4px #86C900; box-shadow:4px 4px 4px  
4px #86C900 }
```

Background

The CSS property to change the background color of an element to Hex 86C900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C900 }
```

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

```
.background{ background-color:#86C900 }
```

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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