

Converting Colors

Hex(88B900)

Have a look what the booklet for
Hex(88B900) contains.

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Color

Hex(88B900)

Conversions

Conversions Part 1

Format	Color
Hex	88B900
RGB	136, 185, 0
RGB Percent	53%, 73%, 0%
CMY	0.4667, 0.2745, 1.0000
CMYK	0.26, 0.00, 1.00, 0.27
HSL	76°, 100%, 36%
HSV	76°, 100%, 73%
XYZ	27.5023, 39.9322, 6.2582
YIQ	149.2590, 30.1810, -67.9230

Conversions

Conversions Part 2

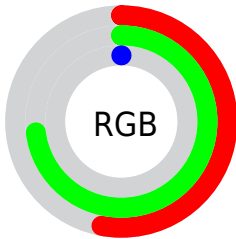
Format	Color
RYB	0, 185, 49
Decimal	8960256
CIELab	69.42, -37.49, 70.09
CIELCh	69, 79.488, 118.137
Yxy	39.9322, 0.3732, 0.5419
Android (android.graphics.Color)	4287150336 (0xFF88B900)
YUV	149.2590, -73.5847, -11.6281
Hunter-Lab	63.1919, -32.8993, 38.3626

Details

The Hex color **88B900** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3100B9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C2F14F**, and **4F8400** is the 20% darker color. If you saturate the color by 10%, you get **88B900**, and if you desaturate by 10%, it is **8DB912**.

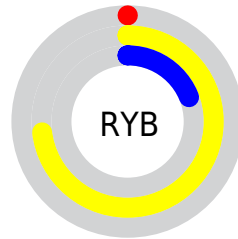
Distribution



Red (53%)

Green (73%)

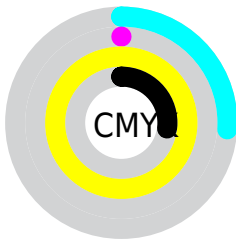
Blue (0%)



Red (0%)

Yellow (73%)

Blue (19%)

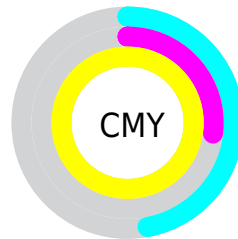


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88B900 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 88B900 by changing the saturation by 10% instead.

 88B900

 88B900

FFFFFF

 6C9E00


 C2F14F

 4F8400

 DFFF6B

 336A00

 FDFF88

 115200

 FFFFA4

 003A00

 FFFFC1

 002600

 FFFFDE

 000000

 FFFFFC

 88B900

 8DB912

 92B925

 97B938

 9CB94A

 A1B95D

 A5B96F

 AAB982

 AFB994

 B4B9A7

Harmonies

Analogous

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



CFA500



88B900



00C558

Triad

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



88B900



00C4FF



FF5CB1

Complementary

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



88B900



3100B9

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.



FB75F7



88B900



00B4FF

Square

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



88B900



00CAEC



9C98FF



FF676A

Rectangle

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



88B900



00C989



9C98FF



FF61C9

Sweetspot

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



88B900



DDF0A8



B92E00



6C784D



F7F7F7



787878

Same Dimension

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



88B900



B0F000



2EB900



595C53



729C00



151C00

Inverse Universe

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



3100B9



3F00F0



8B00B9



55535C



29009C



07001C

Previews

White Background



This preview shows how the Hex color 88B900 looks on a white background.

Color Contrast Check

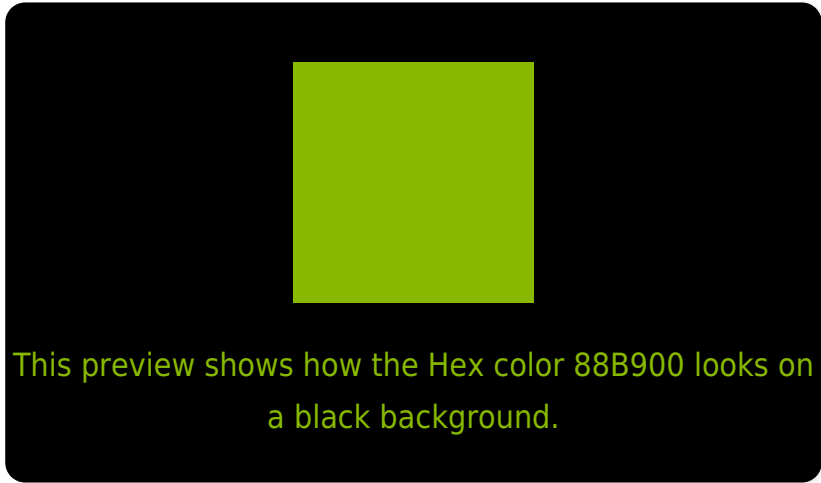
Large Text (above 18pt) WCAG AA × Fail

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 88B900 Background



This preview shows how black text looks on a background with the Hex color 88B900.

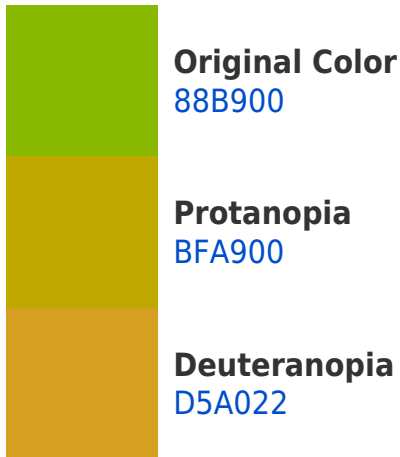


This preview shows how white text looks on a background with the Hex color 88B900.

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



Trichromacy



Original Color
88B900

Protanomaly
ABAF00

Deuteranomaly
B9A916

Tritanomaly
93B176

Monochromacy



Original Color
88B900

Achromatopsia
959595

Achromatomaly
90A25F

CSS Examples

Text

The CSS property to change the color of the text to Hex 88B900 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 #88B900 looks like.

```
.text, #text, p{  
    color:#88B900  
}
```

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 #88B900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88B900
}
```

Border

The CSS property to change the border of an element to Hex 88B900 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
#88B900 }
```

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

```
.border{ border-color:#88B900 }
```

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

Here you see how a box with a 4 pixel #88B900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88B900; -webkit-box-shadow:4px 4px  
4px 4px #88B900; box-shadow:4px 4px 4px  
4px #88B900 }
```

Background

The CSS property to change the background color of an element to Hex 88B900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88B900 }
```

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

```
.background{ background-color:#88B900 }
```

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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