

Converting Colors

Hex(85A800)

Have a look what the booklet for
Hex(85A800) contains.

Hex(85A800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85A800)

Conversions

Conversions Part 1

Format	Color
Hex	85A800
RGB	133, 168, 0
RGB Percent	52%, 66%, 0%
CMY	0.4784, 0.3412, 1.0000
CMYK	0.21, 0.00, 1.00, 0.34
HSL	72°, 100%, 33%
HSV	72°, 100%, 66%
XYZ	23.6755, 32.9918, 5.1202
YIQ	138.3830, 33.0680, -59.6680

Conversions

Conversions Part 2

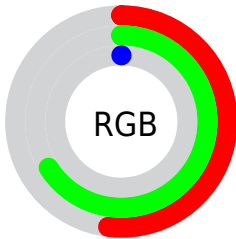
Format	Color
RYB	0, 168, 35
Decimal	8759296
CIELab	64.15, -30.89, 66.01
CIELCh	64, 72.880, 115.081
Yxy	32.9918, 0.3832, 0.5340
Android (android.graphics.Color)	4286949376 (0xFF85A800)
YUV	138.3830, -68.2228, -4.7209
Hunter-Lab	57.4385, -26.9417, 34.9217

Details

The Hex color **85A800** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2300A8**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BEDF4B**, and **4E7400** is the 20% darker color. If you saturate the color by 10%, you get **85A800**, and if you desaturate by 10%, it is **88A811**.

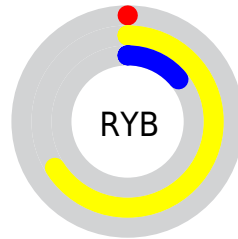
Distribution



Red (52%)

Green (66%)

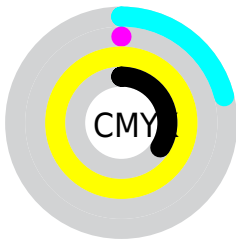
Blue (0%)



Red (0%)

Yellow (66%)

Blue (14%)

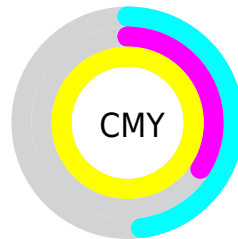


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (48%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A800 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 85A800 by changing the saturation by 10% instead.

 85A800

 85A800

FFFFFF

 698E00

 BEDF4B

 4E7400

 DBFC67

 335B00

 F9FF83

 144300

 FFFF9F

 002D00

 FFFFBB

 001700

 FFFFD8

 000000

 FFFFF6

 85A800

 88A811

 8CA822

 8FA832

 93A843

 96A854

 9AA865

 9DA876

 A1A886

 A4A897

Harmonies

Analogous

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



C39500



85A800



13B34C

Triad

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



85A800



00B4FF



FF58A9

Complementary

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



85A800



2300A8

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.



DF70E7



85A800



00A7FF

Square

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



85A800



00B9D1



848FFF



FF5E69

Rectangle

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



85A800



00B778



848FFF



FF5DBF

Sweetspot

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



85A800



CEDB9A



A82200



656E46



EDED



6E6E6E

Same Dimension

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



85A800



AEDB00



32A800



52544C



759400



101400

Inverse Universe

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



2300A8



2E00DB



7600A8



4D4C54



1F0094



040014

Previews

White Background



This preview shows how the Hex color 85A800 looks on a white background.

Color Contrast Check

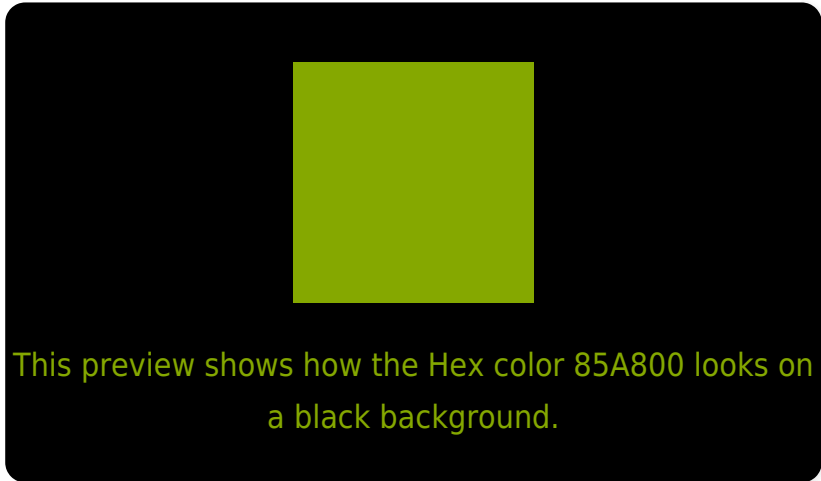
Large Text (above 18pt) WCAG AA × Fail

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 85A800 Background



This preview shows how black text looks on a background with the Hex color 85A800.

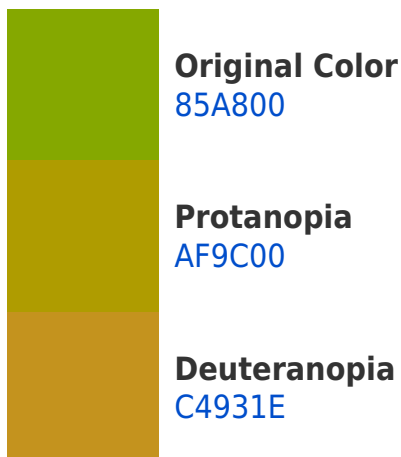


This preview shows how white text looks on a background with the Hex color 85A800.

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](#).

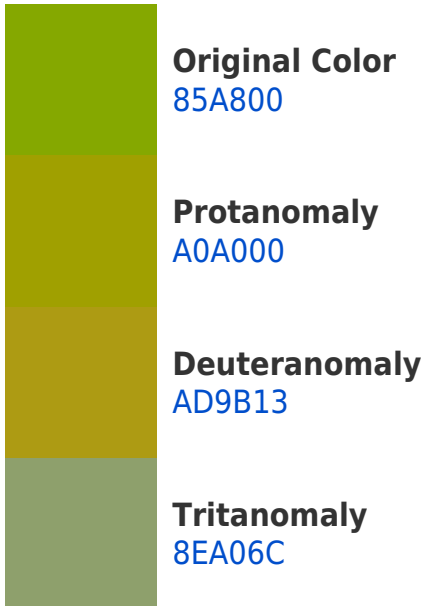
Dichromacy





Tritanopia
939CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A800 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 #85A800 looks like.

```
.text, #text, p{  
    color:#85A800  
}
```

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 #85A800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A800
}
```

Border

The CSS property to change the border of an element to Hex 85A800 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
#85A800 }
```

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

```
.border{ border-color:#85A800 }
```

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

Here you see how a box with a 4 pixel #85A800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A800; -webkit-box-shadow:4px 4px  
4px 4px #85A800; box-shadow:4px 4px 4px  
4px #85A800 }
```

Background

The CSS property to change the background color of an element to Hex 85A800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A800 }
```

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

```
.background{ background-color:#85A800 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor