

Converting Colors

Hex(85A900)

Have a look what the booklet for
Hex(85A900) contains.

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Color

Hex(85A900)

Conversions

Conversions Part 1

Format	Color
Hex	85A900
RGB	133, 169, 0
RGB Percent	52%, 66%, 0%
CMY	0.4784, 0.3373, 1.0000
CMYK	0.21, 0.00, 1.00, 0.34
HSL	73°, 100%, 33%
HSV	73°, 100%, 66%
XYZ	23.8608, 33.3625, 5.1820
YIQ	138.9700, 32.7930, -60.1910

Conversions

Conversions Part 2

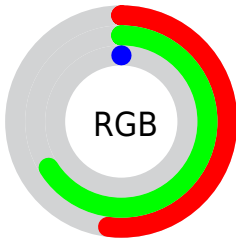
Format	Color
RYB	0, 169, 36
Decimal	8759552
CIELab	64.45, -31.36, 66.23
CIELCh	64, 73.285, 115.339
Yxy	33.3625, 0.3824, 0.5346
Android (android.graphics.Color)	4286949632 (0xFF85A900)
YUV	138.9700, -68.5122, -5.2357
Hunter-Lab	57.7603, -27.3419, 35.1129

Details

The Hex color **85A900** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2400A9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BEE04B**, and **4E7500** is the 20% darker color. If you saturate the color by 10%, you get **85A900**, and if you desaturate by 10%, it is **89A911**.

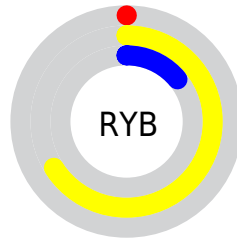
Distribution



Red (52%)

Green (66%)

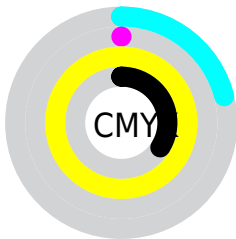
Blue (0%)



Red (0%)

Yellow (66%)

Blue (14%)

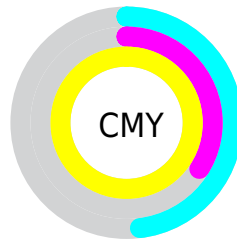


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (48%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A900 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 85A900 by changing the saturation by 10% instead.

 85A900

 85A900

FFFFFF

 698E00

 BEE04B

 4E7500

 DBFD67

 325C00

 F9FF83

 144400

 FFFF9F

 002D00

 FFFFBC

 001800

 FFFFD9

 000000

 FFFFF6

 85A900

 89A911

 8CA922

 90A933

 93A944

 97A954

 9BA965

 9EA976

 A2A987

 A5A998

Harmonies

Analogous

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



C49600



85A900



0FB44D

Triad

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



85A900



00B5FF



FF58A9

Complementary

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



85A900



2400A9

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.



E170E8



85A900



00A7FF

Square

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



85A900



00BAD3



858FFF



FF5F68

Rectangle

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



85A900



00B879



858FFF



FF5EBF

Sweetspot

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



85A900



CDEB9A



A92200



656E46



EDEDED



6E6E6E

Same Dimension

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



85A900



ADDB00



33A900



52544C



749400



101400

Inverse Universe

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



2400A9



2F00DB



7600A9



4E4C54



200094



040014

Previews

White Background



This preview shows how the Hex color 85A900 looks on a white background.

Color Contrast Check

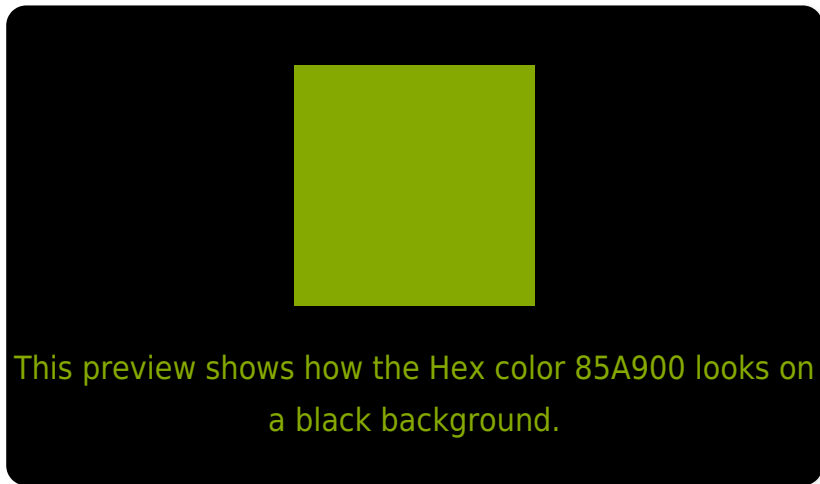
Large Text (above 18pt) WCAG AA × Fail

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 85A900 Background



This preview shows how black text looks on a background with the Hex color 85A900.



This preview shows how white text looks on a background with the Hex color 85A900.

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
85A900

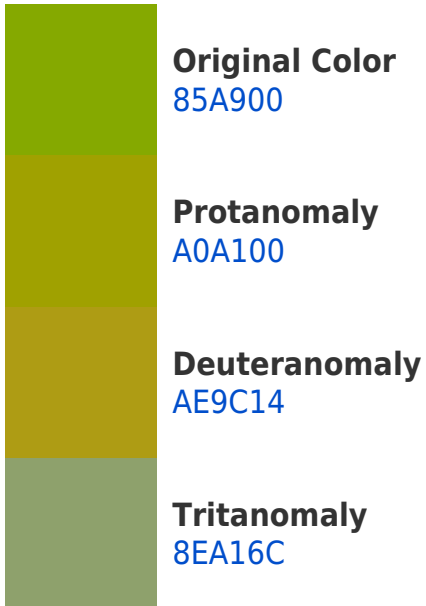
Protanopia
B09C00

Deuteranopia
C5941F



Tritanopia
939DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A900 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 #85A900 looks like.

```
.text, #text, p{  
    color:#85A900  
}
```

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 #85A900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A900
}
```

Border

The CSS property to change the border of an element to Hex 85A900 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
#85A900 }
```

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

```
.border{ border-color:#85A900 }
```

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

Here you see how a box with a 4 pixel #85A900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A900; -webkit-box-shadow:4px 4px  
4px 4px #85A900; box-shadow:4px 4px 4px  
4px #85A900 }
```

Background

The CSS property to change the background color of an element to Hex 85A900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A900 }
```

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

```
.background{ background-color:#85A900 }
```

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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