

# Converting Colors

Hex(849500)

Have a look what the booklet for  
Hex(849500) contains.

<b>Hex(849500)</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(849500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	849500
RGB	132, 149, 0
RGB Percent	52%, 58%, 0%
CMY	0.4824, 0.4157, 1.0000
CMYK	0.11, 0.00, 1.00, 0.42
HSL	67°, 100%, 29%
HSV	67°, 100%, 58%
XYZ	20.2632, 26.4004, 4.0278
YIQ	126.9310, 37.6970, -49.9430

# Conversions

## Conversions Part 2

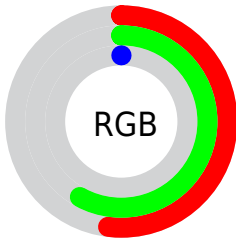
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 149, 17
Decimal	8688896
CIELab	58.42, -22.06, 61.66
CIELCh	58, 65.490, 109.686
Yxy	26.4004, 0.3997, 0.5208
Android (android.graphics.Color)	4286878976 (0xFF849500)
YUV	126.9310, -62.5770, 4.4455
Hunter-Lab	51.3813, -19.5226, 31.3192

# Details

The Hex color **849500** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **110095**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BDCB47**, and **4E6200** is the 20% darker color. If you saturate the color by 10%, you get **849500**, and if you desaturate by 10%, it is **86950F**.

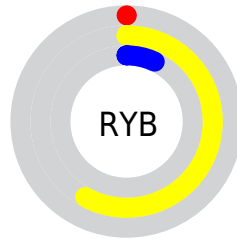
# Distribution



Red (52%)

Green (58%)

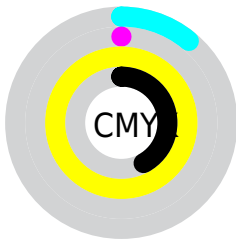
Blue (0%)



Red (0%)

Yellow (58%)

Blue (7%)

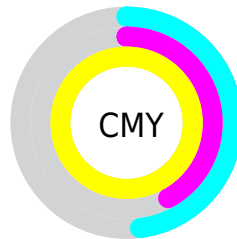


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (48%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 849500 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 849500 by changing the saturation by 10% instead.



 849500

 849500

FFFFFF

 697B00

 BDCB47

 4E6200

 DAE762

 334B00

 F7FF7E

 193400

 FFFF99

 002000

 FFFFB5

 000000

 FFFFD2

 FFFFEE

 849500

 86950F

 87951E

 89952D

 8B953C

 8D954B

 8E9559

 909568

 929577

 939586

# Harmonies

## Analogous

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



B88300



849500



39A03C

# Triad

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



849500



00A3E3



E954A3

# Complementary

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



849500



110095

# 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.



BE6BD7



849500



0099FE

# Square

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



849500



00A7B2



6286F9



F25569

# Rectangle

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



849500



00A462



6286F9



DF5BB6



# Sweetspot

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



849500



BBC288



950F00



5D613E



E0E0E0



616161



# Same Dimension

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



849500



ACC200



3C9500



494A43



7A8A00



090A00



# Inverse Universe

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



110095



1600C2



590095



43434A



10008A



01000A



# Previews

## White Background



This preview shows how the Hex color 849500 looks on a white background.

## Color Contrast Check

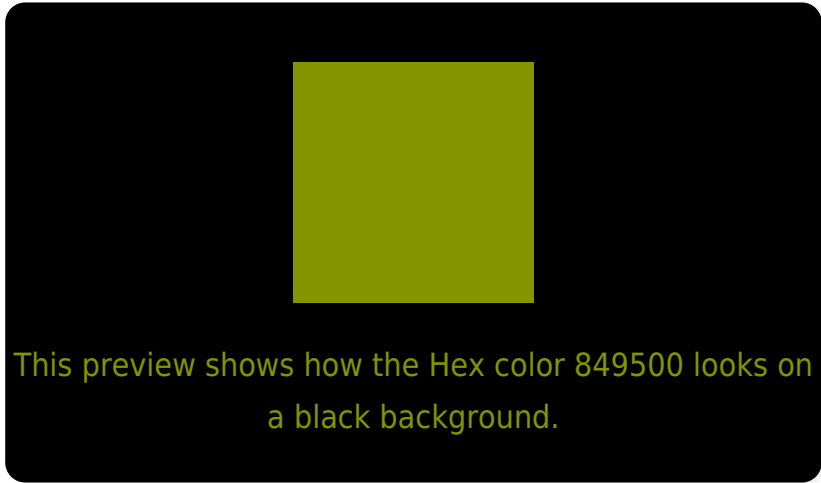
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 849500 Background



This preview shows how black text looks on a background with the Hex color 849500.

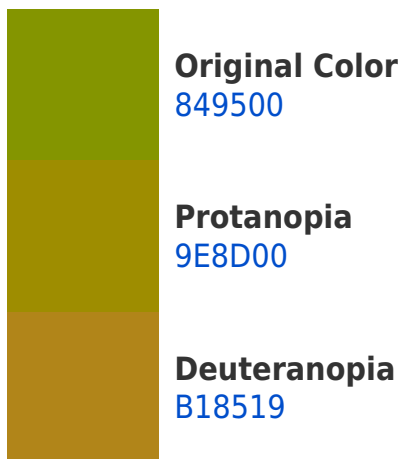


This preview shows how white text looks on a background with the Hex color 849500.

# 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](#).

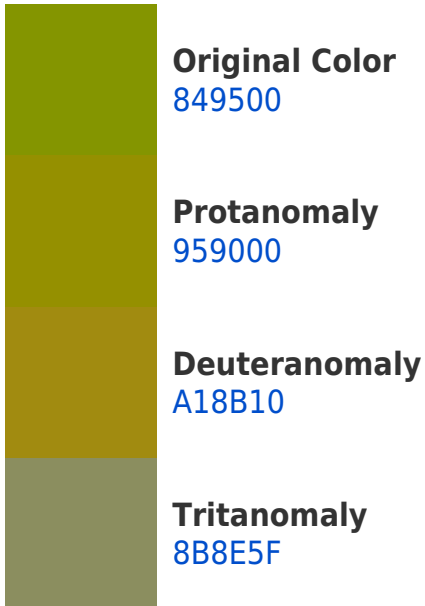
## Dichromacy





**Tritanopia**  
8F8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 849500 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 #849500 looks like.

```
.text, #text, p{  
    color:#849500  
}
```

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 #849500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849500
}
```

## Border

The CSS property to change the border of an element to Hex 849500 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
#849500 }
```

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

```
.border{ border-color:#849500 }
```

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

Here you see how a box with a 4 pixel #849500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849500; -webkit-box-shadow:4px 4px  
4px 4px #849500; box-shadow:4px 4px 4px  
4px #849500 }
```

# Background

The CSS property to change the background color of an element to Hex 849500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849500 }
```

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

```
.background{ background-color:#849500 }
```

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