

# Converting Colors

Hex(889500)

Have a look what the booklet for  
Hex(889500) contains.

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**Color**

**Hex(889500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	889500
RGB	136, 149, 0
RGB Percent	53%, 58%, 0%
CMY	0.4667, 0.4157, 1.0000
CMYK	0.09, 0.00, 1.00, 0.42
HSL	65°, 100%, 29%
HSV	65°, 100%, 58%
XYZ	20.9008, 26.7291, 4.0577
YIQ	128.1270, 40.0810, -49.0950

# Conversions

## Conversions Part 2

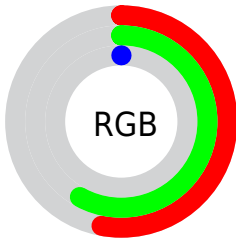
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 149, 13
Decimal	8951040
CIELab	58.72, -20.29, 62.03
CIElCh	59, 65.262, 108.110
Yxy	26.7291, 0.4044, 0.5171
Android (android.graphics.Color)	4287141120 (0xFF889500)
YUV	128.1270, -63.1666, 6.9046
Hunter-Lab	51.7002, -18.3134, 31.5368

# Details

The Hex color **889500** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0D0095**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C1CB47**, and **526200** is the 20% darker color. If you saturate the color by 10%, you get **889500**, and if you desaturate by 10%, it is **89950F**.

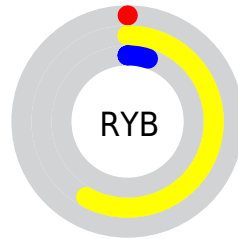
# Distribution



Red (53%)

Green (58%)

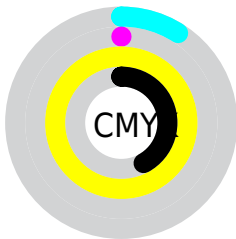
Blue (0%)



Red (0%)

Yellow (58%)

Blue (5%)

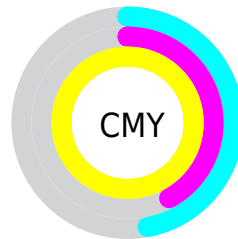


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 889500 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 889500 by changing the saturation by 10% instead.



 889500

 889500

FFFFFF

 6C7B00

 C1CB47

 526200

 DEE762

 374B00

 FCFF7E

 1D3400

 FFFF99

 001F00

 FFFFB5

 000000

 FFFFD2

 FFFFEE

 889500

 89950F

 8B951E

 8C952D

 8D953C

 8F954B

 909559

 919568

 929577

 949586

# Harmonies

## Analogous

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



BC8203



889500



40A13B

# Triad

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



889500



00A5E2



E856A7

# Complementary

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



889500



0D0095

# 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.



BB6EDA



889500



009AFE

# Square

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



889500



00A8AF



5C88FB



F3556D

# Rectangle

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



889500



00A560



5C88FB



DD5DB9



# Sweetspot

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



889500



BDC288



950C00



5E613E



E0E0E0



616161



# Same Dimension

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



889500



B1C200



3E9500



494A43



7E8A00



090A00



# Inverse Universe

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



0D0095



1100C2



570095



43434A



0C008A

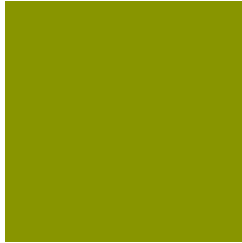


01000A



# Previews

## White Background



This preview shows how the Hex color 889500 looks on a white background.

## Color Contrast Check

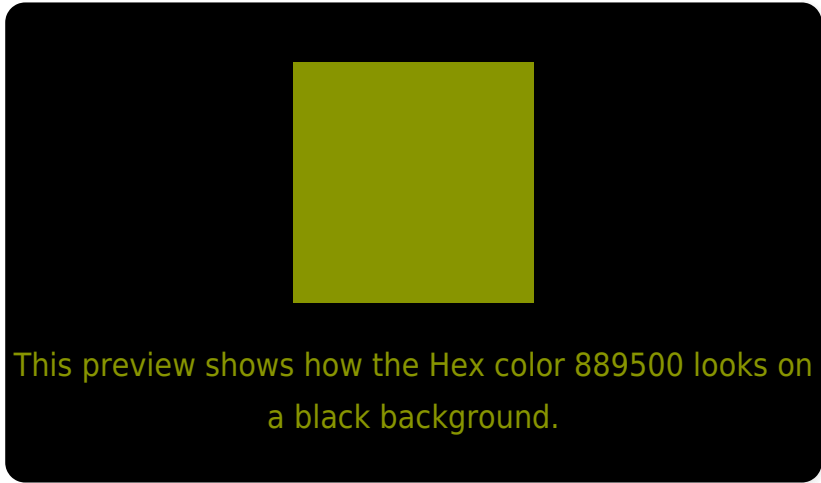
Large Text (above 18pt) WCAG AA ✓ Pass

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 889500 Background



This preview shows how black text looks on a background with the Hex color 889500.

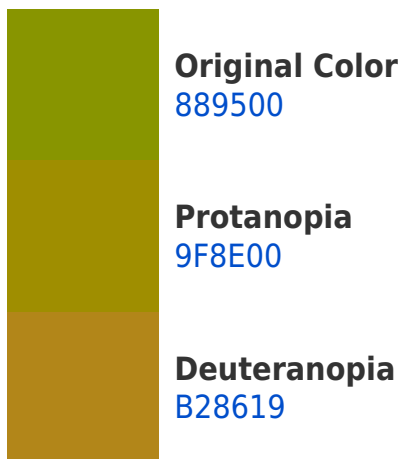



This preview shows how white text looks on a background with the Hex color 889500.

# 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**  
938A95

# Trichromacy



**Original Color**  
889500

**Protanomaly**  
979100

**Deuteranomaly**  
A38B10

**Tritanomaly**  
8F8E5F

# Monochromacy



**Original Color**  
889500

**Achromatopsia**  
808080

**Achromatomaly**  
838851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 889500 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 #889500 looks like.

```
.text, #text, p{  
    color:#889500  
}
```

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 #889500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #889500
}
```

## Border

The CSS property to change the border of an element to Hex 889500 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
#889500 }
```

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

```
.border{ border-color:#889500 }
```

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

Here you see how a box with a 4 pixel #889500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #889500; -webkit-box-shadow:4px 4px  
4px 4px #889500; box-shadow:4px 4px 4px  
4px #889500 }
```

# Background

The CSS property to change the background color of an element to Hex 889500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#889500 }
```

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

```
.background{ background-color:#889500 }
```

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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