

# Converting Colors

Hex(819700)

Have a look what the booklet for  
Hex(819700) contains.

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**Color**

**Hex(819700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	819700
RGB	129, 151, 0
RGB Percent	51%, 59%, 0%
CMY	0.4941, 0.4078, 1.0000
CMYK	0.15, 0.00, 1.00, 0.41
HSL	69°, 100%, 30%
HSV	69°, 100%, 59%
XYZ	20.1199, 26.8003, 4.1126
YIQ	127.2080, 35.3590, -51.6250

# Conversions

## Conversions Part 2

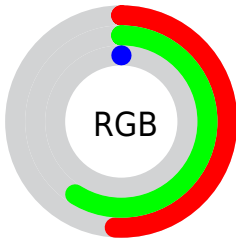
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 151, 22
Decimal	8492800
CIELab	58.79, -24.38, 61.84
CIElCh	59, 66.474, 111.514
Yxy	26.8003, 0.3943, 0.5252
Android (android.graphics.Color)	4286682880 (0xFF819700)
YUV	127.2080, -62.7135, 1.5716
Hunter-Lab	51.7690, -21.2224, 31.5283

# Details

The Hex color **819700** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **160097**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B9CD47**, and **4B6400** is the 20% darker color. If you saturate the color by 10%, you get **819700**, and if you desaturate by 10%, it is **83970F**.

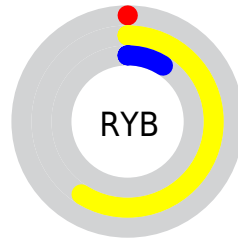
# Distribution



Red (51%)

Green (59%)

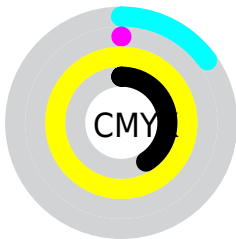
Blue (0%)



Red (0%)

Yellow (59%)

Blue (9%)

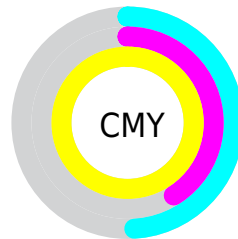


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (49%)

Magenta (41%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 819700 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 819700 by changing the saturation by 10% instead.



 819700

 819700

FFFFFF

 667D00

 B9CD47

 4B6400

 D6E963

 304C00

 F4FF7E

 153500

 FFFF9A

 002100

 FFFFB6

 000000

 FFFFD2

 FFFFF0

 819700

 83970F

 85971E

 88972D

 8A973C

 8C974C

 8E975B

 90976A

 939779

 959788

# Harmonies

## Analogous

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



B78500



819700



30A23F

# Triad

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



819700



00A4E8



ED53A1

# Complementary

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



819700



160097

# 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.



C36AD7



819700



0099FF

# Square

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



819700



00A8B7



6A85FB



F45566

# Rectangle

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



819700



00A666



6A85FB



E359B4



# Sweetspot

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



819700



BCC489



971400



5E6340



E3E3E3



636363



# Same Dimension

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



819700



A8C400



379700



4B4D45



788C00



0B0D00



# Inverse Universe

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



160097



1D00C4



600097



46454D



14008C



02000D



# Previews

## White Background



This preview shows how the Hex color 819700 looks on a white background.

## Color Contrast Check

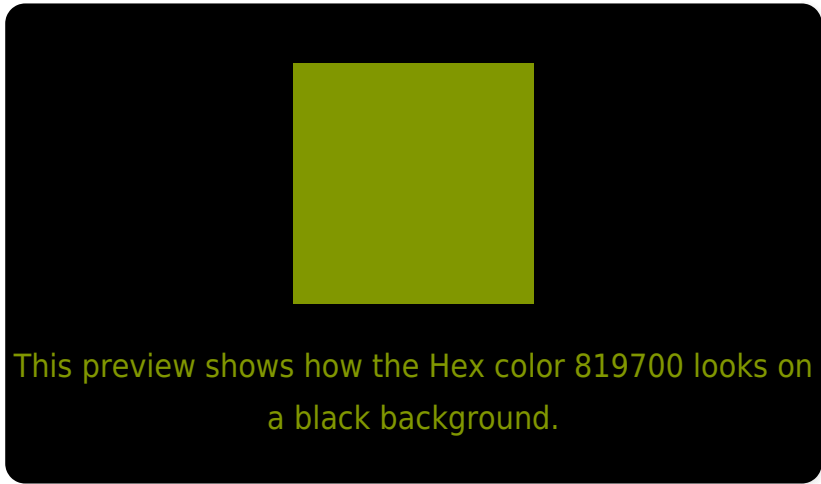
Large Text (above 18pt) WCAG AA ✓ Pass

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 819700 Background



This preview shows how black text looks on a background with the Hex color 819700.

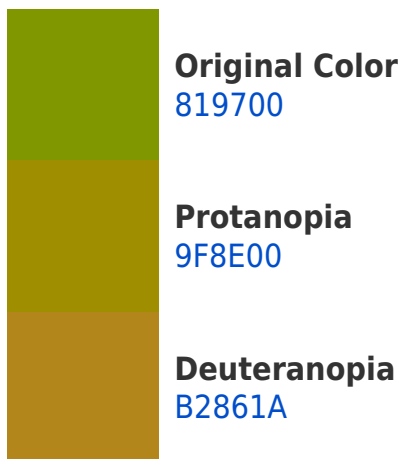


This preview shows how white text looks on a background with the Hex color 819700.

# 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](#).

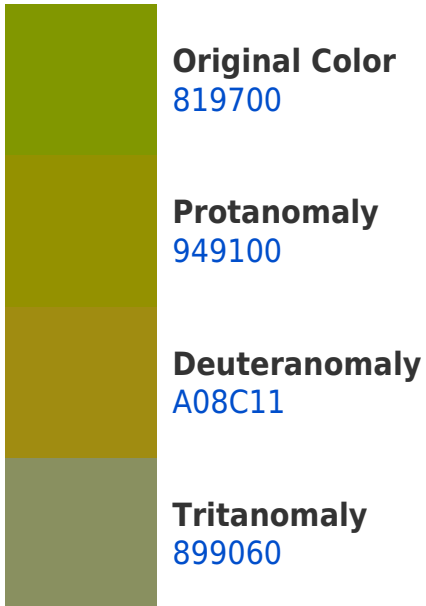
## Dichromacy





**Tritanopia**  
8D8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 819700 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 #819700 looks like.

```
.text, #text, p{  
    color:#819700  
}
```

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 #819700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819700
}
```

## Border

The CSS property to change the border of an element to Hex 819700 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
#819700 }
```

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

```
.border{ border-color:#819700 }
```

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

Here you see how a box with a 4 pixel #819700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819700; -webkit-box-shadow:4px 4px  
4px 4px #819700; box-shadow:4px 4px 4px  
4px #819700 }
```

# Background

The CSS property to change the background color of an element to Hex 819700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819700 }
```

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

```
.background{ background-color:#819700 }
```

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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