

# Converting Colors

Hex(819600)

Have a look what the booklet for  
Hex(819600) contains.

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**Color**

**Hex(819600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	819600
RGB	129, 150, 0
RGB Percent	51%, 59%, 0%
CMY	0.4941, 0.4118, 1.0000
CMYK	0.14, 0.00, 1.00, 0.41
HSL	68°, 100%, 29%
HSV	68°, 100%, 59%
XYZ	19.9596, 26.4798, 4.0591
YIQ	126.6210, 35.6340, -51.1020

# Conversions

## Conversions Part 2

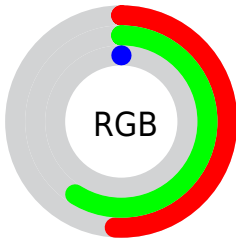
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 150, 21
Decimal	8492544
CIELab	58.49, -23.88, 61.62
CIELCh	58, 66.085, 111.185
Yxy	26.4798, 0.3953, 0.5244
Android (android.graphics.Color)	4286682624 (0xFF819600)
YUV	126.6210, -62.4242, 2.0864
Hunter-Lab	51.4585, -20.8163, 31.3441

# Details

The Hex color **819600** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **150096**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B9CC47**, and **4B6300** is the 20% darker color. If you saturate the color by 10%, you get **819600**, and if you desaturate by 10%, it is **83960F**.

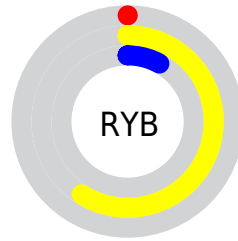
# Distribution



Red (51%)

Green (59%)

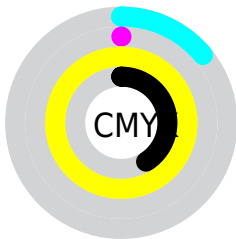
Blue (0%)



Red (0%)

Yellow (59%)

Blue (8%)

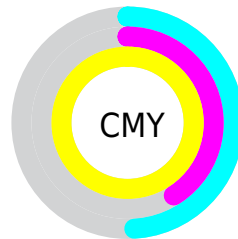


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (49%)

Magenta (41%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 819600 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 819600 by changing the saturation by 10% instead.



 819600

 819600

FFFFFF

 667C00

 B9CC47

 4B6300

 D6E862

 304B00

 F4FF7E

 153500

 FFFF99


 002000

 FFFFB5

 000000

 FFFFD2

 FFFFEE

 819600

 83960F

 85961E

 87962D

 89963C

 8B964B

 8E965A

 909669

 929678

 949687

# Harmonies

## Analogous

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



B78400



819600



31A13F

# Triad

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



819600



00A3E6



EB53A0

# Complementary

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



819600



150096

# 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.



C16AD6



819600



0099FF

# Square

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



819600



00A7B5



6885F9



F35566

# Rectangle

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



819600



00A565



6885F9



E159B3



# Sweetspot

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



819600



BAC288



961400



5C613E



E0E0E0



616161



# Same Dimension

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



819600



A7C200



379600



494A43



768A00



090A00



# Inverse Universe

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



150096



1B00C2



5F0096



44434A



13008A



01000A



# Previews

## White Background



This preview shows how the Hex color 819600 looks on a white background.

## Color Contrast Check

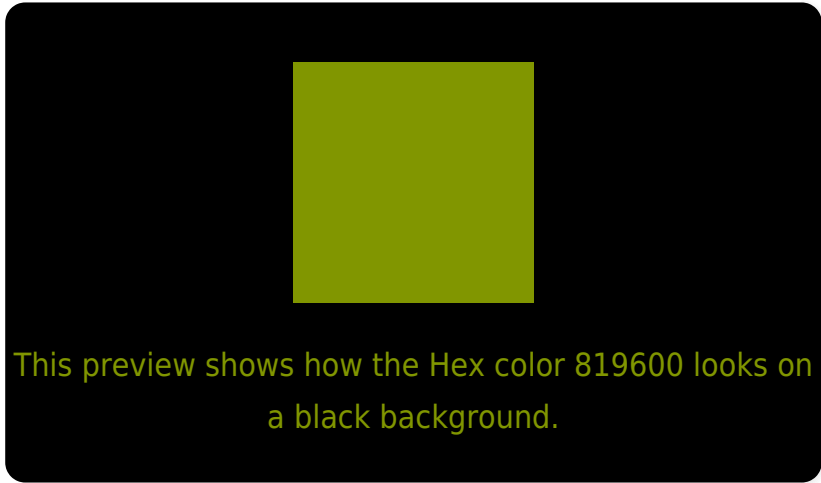
Large Text (above 18pt) WCAG AA ✓ Pass

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 819600 Background



This preview shows how black text looks on a background with the Hex color 819600.



This preview shows how white text looks on a background with the Hex color 819600.

# 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**  
819600

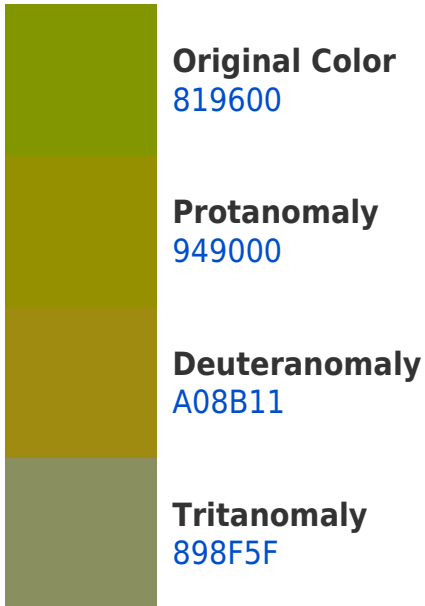
**Protanopia**  
9F8D00

**Deuteranopia**  
B1851A



**Tritanopia**  
8D8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 819600 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 #819600 looks like.

```
.text, #text, p{  
    color:#819600  
}
```

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 #819600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819600
}
```

## Border

The CSS property to change the border of an element to Hex 819600 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
#819600 }
```

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

```
.border{ border-color:#819600 }
```

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

Here you see how a box with a 4 pixel #819600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819600; -webkit-box-shadow:4px 4px  
4px 4px #819600; box-shadow:4px 4px 4px  
4px #819600 }
```

# Background

The CSS property to change the background color of an element to Hex 819600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819600 }
```

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

```
.background{ background-color:#819600 }
```

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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