

# Converting Colors

Hex(819638)

Have a look what the booklet for  
Hex(819638) contains.

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**Color**

**Hex(819638)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	819638
RGB	129, 150, 56
RGB Percent	51%, 59%, 22%
CMY	0.4941, 0.4118, 0.7804
CMYK	0.14, 0.00, 0.63, 0.41
HSL	73°, 46%, 40%
HSV	73°, 63%, 59%
XYZ	20.6734, 26.7653, 7.8180
YIQ	133.0050, 17.6580, -33.6860

# Conversions

## Conversions Part 2

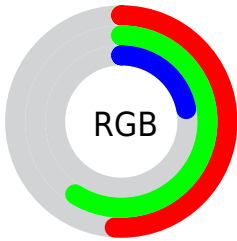
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 150, 77
Decimal	8492600
CIELab	58.76, -21.53, 45.76
CIELCh	59, 50.575, 115.195
Yxy	26.7653, 0.3741, 0.4844
Android (android.graphics.Color)	4286682680 (0xFF819638)
YUV	133.0050, -37.9635, -3.5124
Hunter-Lab	51.7352, -19.2080, 27.2550

# Details

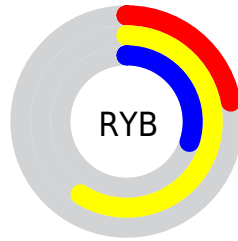
The Hex color **819638** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4D3896**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B8CC6B**, and **4D6300** is the 20% darker color. If you saturate the color by 10%, you get **7E9629**, and if you desaturate by 10%, it is **849647**.

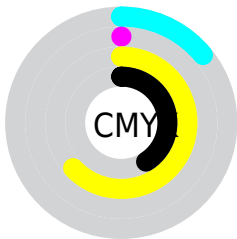
# Distribution



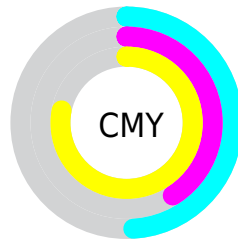
- Red (51%)
- Green (59%)
- Blue (22%)



- Red (22%)
- Yellow (59%)
- Blue (30%)



- Cyan (14%)
- Magenta (0%)
- Yellow (63%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 819638 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 819638 by changing the saturation by 10% instead.



 819638

 819638

FFFFFF

 677C1E

 B8CC6B

 4D6300

 D4E885

 344B00

 F1FFA0

 1B3400


 FFFFBC


 002000

 FFFFD8

 000000

 FFFFF5

 819638

 819638

 7E9629

 849647

■ 7A961A

■ 889656

■ 77960B

■ 8B9665

■ 749600

■ 8E9674

■ 929683

■ 959692

■ 9896A1

■ 9C96B0

■ 9F96BF

# Harmonies

## Analogous

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



AC8930



819638



489F58

# Triad

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



819638



009ED5



DA6696

# Complementary

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



819638



4D3896

# 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.



BD72C1



819638



0094E6

# Square

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



819638



00A3B2



8385DE



DE696A

# Rectangle

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



819638



00A275



8385DE



D369A5



# Sweetspot

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



819638



BAC29D



964C38



5C614B



E0E0E0



616161



# Same Dimension

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



819638



A1C230



539638



484A43



6B8A00



080A00



# Inverse Universe

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



4D3896



5130C2



7B3896



44434A



1F008A



02000A



# Previews

## White Background



This preview shows how the Hex color 819638 looks on a white background.

## Color Contrast Check

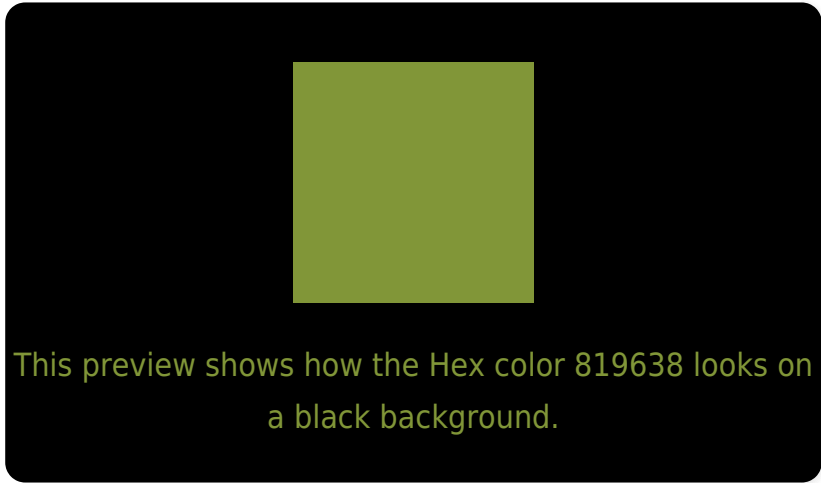
Large Text (above 18pt) WCAG AA ✓ Pass

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

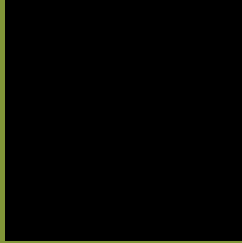
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 819638 Background



This preview shows how black text looks on a background with the Hex color 819638.



This preview shows how white text looks on a background with the Hex color 819638.

# 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](#).

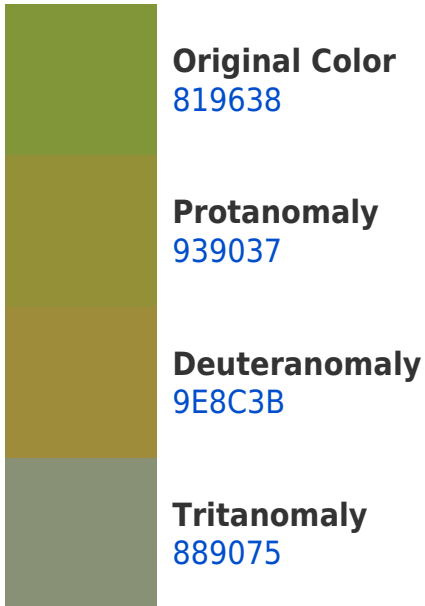
## Dichromacy



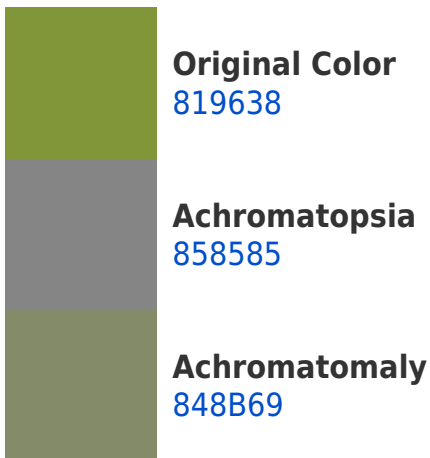


**Tritanopia**  
8C8C98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 819638 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 #819638 looks like.

```
.text, #text, p{  
    color:#819638  
}
```

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 #819638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819638
}
```

## Border

The CSS property to change the border of an element to Hex 819638 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
#819638 }
```

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

```
.border{ border-color:#819638 }
```

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

Here you see how a box with a 4 pixel #819638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819638; -webkit-box-shadow:4px 4px  
4px 4px #819638; box-shadow:4px 4px 4px  
4px #819638 }
```

# Background

The CSS property to change the background color of an element to Hex 819638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819638 }
```

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

```
.background{ background-color:#819638 }
```

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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