

# Converting Colors

Hex(819C3D)

Have a look what the booklet for  
Hex(819C3D) contains.

<b>Hex(819C3D)</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(819C3D)

# Conversions

## Conversions Part 1

Format	Color
Hex	819C3D
RGB	129, 156, 61
RGB Percent	51%, 61%, 24%
CMY	0.4941, 0.3882, 0.7608
CMYK	0.17, 0.00, 0.61, 0.39
HSL	77°, 44%, 43%
HSV	77°, 61%, 61%
XYZ	21.7840, 28.7810, 8.8220
YIQ	137.0970, 14.4030, -35.2690

# Conversions

## Conversions Part 2

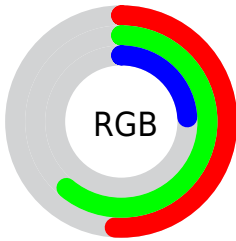
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 156, 88
Decimal	8494141
CIELab	60.59, -24.13, 45.50
CIELCh	61, 51.508, 117.939
Yxy	28.7810, 0.3668, 0.4846
Android (android.graphics.Color)	4286684221 (0xFF819C3D)
YUV	137.0970, -37.5158, -7.1011
Hunter-Lab	53.6479, -21.4029, 27.8037

# Details

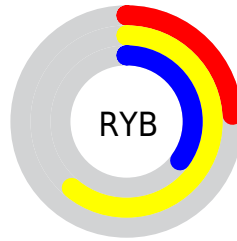
The Hex color **819C3D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **583D9C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B8D370**, and **4D6904** is the 20% darker color. If you saturate the color by 10%, you get **7D9C2D**, and if you desaturate by 10%, it is **859C4D**.

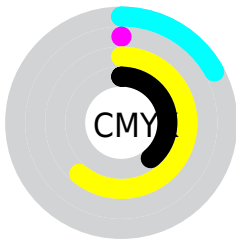
# Distribution



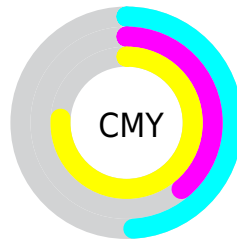
- Red (51%)
- Green (61%)
- Blue (24%)



- Red (24%)
- Yellow (61%)
- Blue (35%)



- Cyan (17%)
- Magenta (0%)
- Yellow (61%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 819C3D 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 819C3D by changing the saturation by 10% instead.



 819C3D

 819C3D

FFFFFF

 678223

 B8D370

 4D6904

 D4EF8B

 345000

 F1FFA6

 1A3900

 FFFFC2

 002400


 FFFFDE

 000400

 FFFFFB

 000000

 819C3D

 819C3D

 7D9C2D

 859C4D

■ 789C1E

■ 8A9C5C

■ 749C0E

■ 8E9C6C

■ 709C00

■ 939C7B

■ 979C8B

■ 9C9C9B

■ A09CAA

■ A49CBA

■ A99CC9

# Harmonies

## Analogous

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



AE8F32



819C3D



45A460

# Triad

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



819C3D



00A3DE



E26A97

# Complementary

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



819C3D



583D9C

# 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.



C775C3



819C3D



1998ED

# Square

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



819C3D



00A8BB



8F87E3



E46E6A

# Rectangle

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



819C3D



00A77E



8F87E3



DC6CA6



# Sweetspot

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



819C3D



C2CCA7



9C583D



606650



E6E6E6



666666



# Same Dimension

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



819C3D



A2CC37



529C3D



4D4F47



668F00



0B0F00



# Inverse Universe

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



583D9C



6137CC



873D9C



49474F



29008F



04000F



# Previews

## White Background



This preview shows how the Hex color 819C3D looks on a white background.

## Color Contrast Check

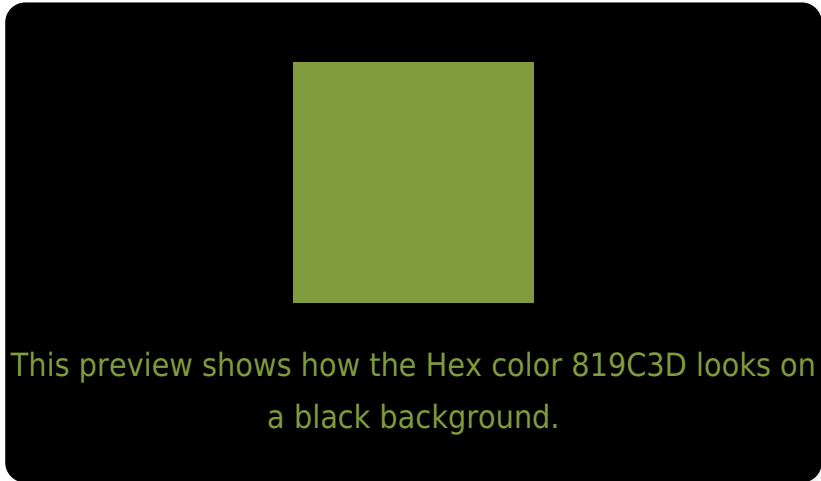
Large Text (above 18pt) WCAG AA ✓ Pass

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

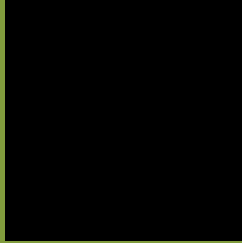
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 819C3D Background



This preview shows how black text looks on a background with the Hex color 819C3D.



This preview shows how white text looks on a background with the Hex color 819C3D.

# 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**  
819C3D

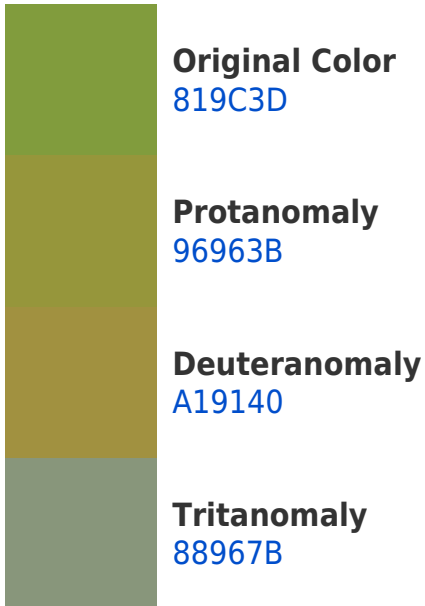
**Protanopia**  
A2923A

**Deuteranopia**  
B48B42

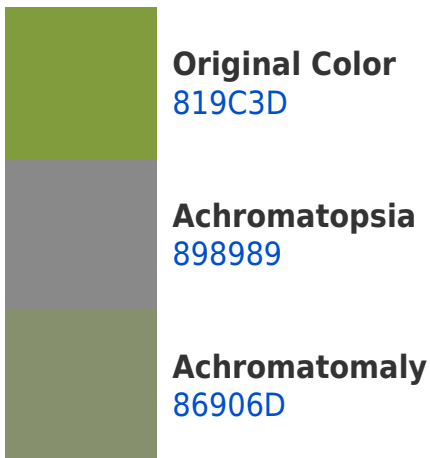


**Tritanopia**  
8C929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 819C3D 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 #819C3D looks like.

```
.text, #text, p{  
    color:#819C3D  
}
```

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 #819C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819C3D
}
```

## Border

The CSS property to change the border of an element to Hex 819C3D 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
#819C3D }
```

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

```
.border{ border-color:#819C3D }
```

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

Here you see how a box with a 4 pixel #819C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819C3D; -webkit-box-shadow:4px 4px  
4px 4px #819C3D; box-shadow:4px 4px 4px  
4px #819C3D }
```

# Background

The CSS property to change the background color of an element to Hex 819C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819C3D }
```

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

```
.background{ background-color:#819C3D }
```

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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