

Converting Colors

Hex(819C2E)

Have a look what the booklet for
Hex(819C2E) contains.

Hex(819C2E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(819C2E)

Conversions

Conversions Part 1

Format	Color
Hex	819C2E
RGB	129, 156, 46
RGB Percent	51%, 61%, 18%
CMY	0.4941, 0.3882, 0.8196
CMYK	0.17, 0.00, 0.71, 0.39
HSL	75°, 54%, 40%
HSV	75°, 71%, 61%
XYZ	21.4349, 28.6413, 6.9834
YIQ	135.3870, 19.2180, -39.9340

Conversions

Conversions Part 2

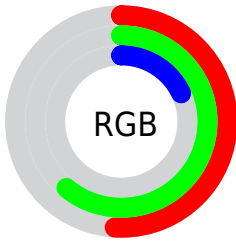
Format	Color
RYB	46, 156, 73
Decimal	8494126
CIELab	60.46, -25.24, 51.78
CIElCh	60, 57.602, 115.989
Yxy	28.6413, 0.3757, 0.5020
Android (android.graphics.Color)	4286684206 (0xFF819C2E)
YUV	135.3870, -44.0678, -5.6014
Hunter-Lab	53.5176, -22.1629, 29.7257

Details

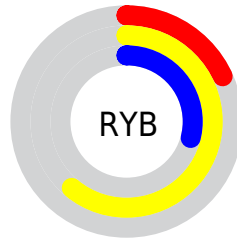
The Hex color **819C2E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **492E9C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B8D363**, and **4C6900** is the 20% darker color. If you saturate the color by 10%, you get **7D9C1E**, and if you desaturate by 10%, it is **859C3E**.

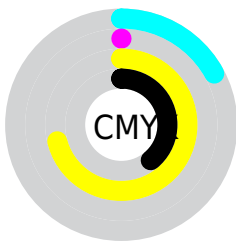
Distribution



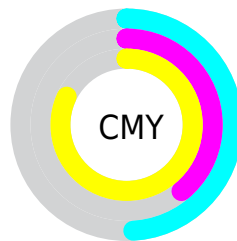
- Red (51%)
- Green (61%)
- Blue (18%)



- Red (18%)
- Yellow (61%)
- Blue (29%)



- Cyan (17%)
- Magenta (0%)
- Yellow (71%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 819C2E 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 819C2E by changing the saturation by 10% instead.



819C2E



819C2E

FFFFFF



66820F



B8D363



4C6900



D5EF7D



335000



F2FF98



173900



FFFFB4



002400



FFFFD0



000300



FFFFED



000000



819C2E



819C2E



7D9C1E



859C3E

 799C0F

 899C4D

 769C00

 8C9C5D

 909C6C

 949C7C

 989C8C

 9C9C9B

 A09CAB

 A39CBA

Harmonies

Analogous

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



B28D23



819C2E



3BA556

Triad

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



819C2E



00A5E5



E9639B

Complementary

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



819C2E



492E9C

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.



C971CB



819C2E



009AF7

Square

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



819C2E



00AABD



8787EE



ED6768

Rectangle

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



819C2E



00A977



8787EE



E266AC

Sweetspot

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



819C2E



C1CCA1



9C482E



60664D



E6E6E6



666666

Same Dimension

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



819C2E



A1CC1F



4B9C2E



4D4F47



6C8F00



0C0F00

Inverse Universe

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



492E9C



491FCC



7F2E9C



49474F



23008F



04000F

Previews

White Background



This preview shows how the Hex color 819C2E looks on a white background.

Color Contrast Check

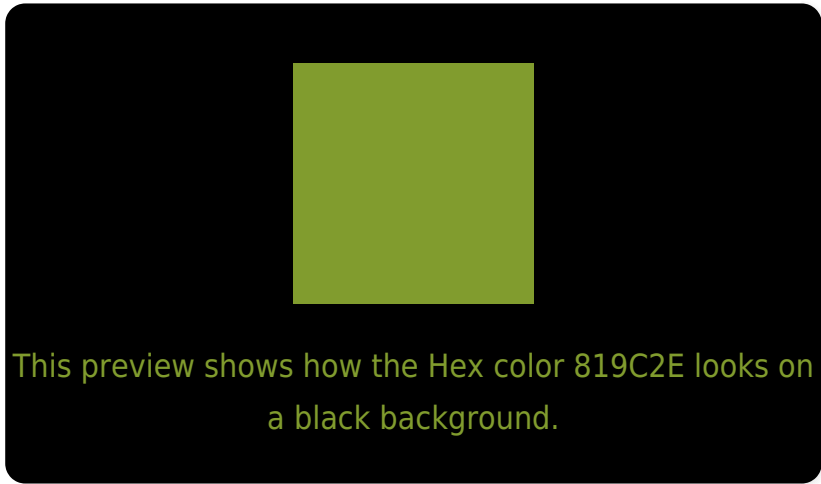
Large Text (above 18pt) WCAG AA ✓ Pass

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 819C2E Background



This preview shows how black text looks on a background with the Hex color 819C2E.



This preview shows how white text looks on a background with the Hex color 819C2E.

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](#).

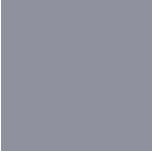
Dichromacy



Original Color
819C2E

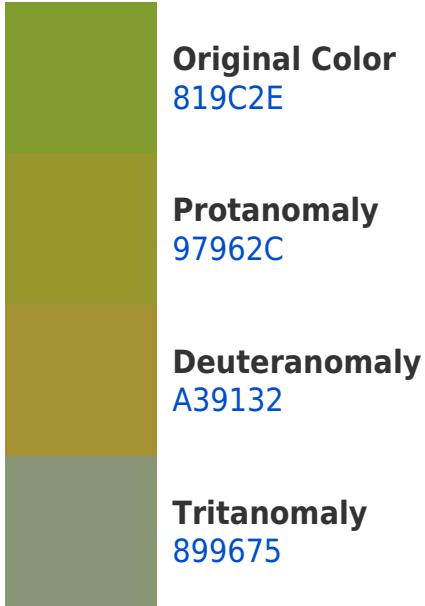
Protanopia
A3922B

Deuteranopia
B68A35



Tritanopia
8D929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 819C2E 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 #819C2E looks like.

```
.text, #text, p{  
    color:#819C2E  
}
```

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 #819C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819C2E
}
```

Border

The CSS property to change the border of an element to Hex 819C2E 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
#819C2E }
```

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

```
.border{ border-color:#819C2E }
```

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

Here you see how a box with a 4 pixel #819C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819C2E; -webkit-box-shadow:4px 4px  
4px 4px #819C2E; box-shadow:4px 4px 4px  
4px #819C2E }
```

Background

The CSS property to change the background color of an element to Hex 819C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819C2E }
```

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

```
.background{ background-color:#819C2E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor