

Converting Colors

Hex(80A01E)

Have a look what the booklet for
Hex(80A01E) contains.

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Color

Hex(80A01E)

Conversions

Conversions Part 1

Format	Color
Hex	80A01E
RGB	128, 160, 30
RGB Percent	50%, 63%, 12%
CMY	0.4980, 0.3725, 0.8824
CMYK	0.20, 0.00, 0.81, 0.37
HSL	75°, 68%, 37%
HSV	75°, 81%, 63%
XYZ	21.7072, 29.8245, 5.8409
YIQ	135.6120, 22.6580, -47.2140

Conversions

Conversions Part 2

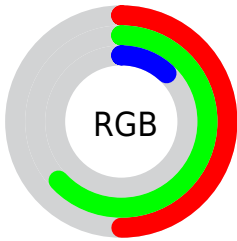
Format	Color
RYB	30, 160, 62
Decimal	8429598
CIELab	61.50, -28.44, 58.20
CIELCh	62, 64.772, 116.041
Yxy	29.8245, 0.3784, 0.5198
Android (android.graphics.Color)	4286619678 (0xFF80A01E)
YUV	135.6120, -52.0667, -6.6757
Hunter-Lab	54.6119, -24.6202, 31.8870

Details

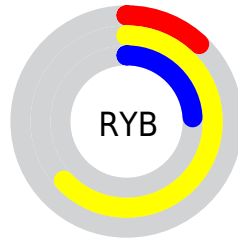
The Hex color **80A01E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3E1EA0**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B8D757**, and **4A6C00** is the 20% darker color. If you saturate the color by 10%, you get **7CA00E**, and if you desaturate by 10%, it is **84A02E**.

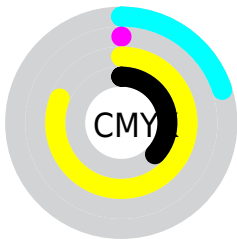
Distribution



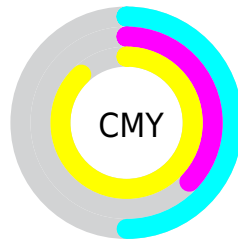
- Red (50%)
- Green (63%)
- Blue (12%)



- Red (12%)
- Yellow (63%)
- Blue (24%)



- Cyan (20%)
- Magenta (0%)
- Yellow (81%)
- Black (37%)



- Cyan (50%)
- Magenta (37%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A01E 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 80A01E by changing the saturation by 10% instead.



80A01E



80A01E

FFFFFF



658600



B8D757



4A6C00



D5F372



305400



F2FF8D



133D00



FFFFA9



002700



FFFFC5



000A00



FFFFE2



000000



80A01E



80A01E



7CA00E



84A02E

■ 79A000

■ 88A03E

■ 8CA04E

■ 90A05E

■ 94A06E

■ 98A07E

■ 9CA08E

■ A0A09E

■ A3A0AE

Harmonies

Analogous

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



B78F09



80A01E



28AA51

Triad

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



80A01E



00AAF3



F65C9F

Complementary

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



80A01E



3E1EA0

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.



D26FD5



80A01E



009EFF

Square

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



80A01E



00AFC5



8589FC



F96266

Rectangle

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



80A01E



00AE77



8589FC



EE60B2

Sweetspot

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



80A01E



C5D19F



A03C1E



61694A



E8E8E8



696969

Same Dimension

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



80A01E



9FD104



41A01E



4D4F47



6C8F00



0C0F00

Inverse Universe

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



3E1EA0



3704D1



7D1EA0



49474F



23008F



04000F

Previews

White Background



This preview shows how the Hex color 80A01E looks on a white background.

Color Contrast Check

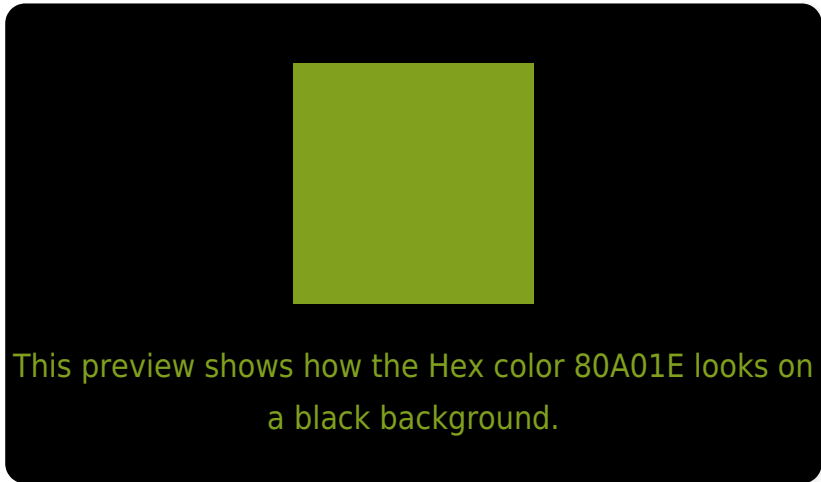
Large Text (above 18pt) WCAG AA ✓ Pass

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 80A01E Background



This preview shows how black text looks on a background with the Hex color 80A01E.



This preview shows how white text looks on a background with the Hex color 80A01E.

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](#).

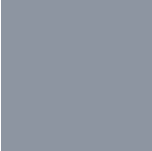
Dichromacy



Original Color
80A01E

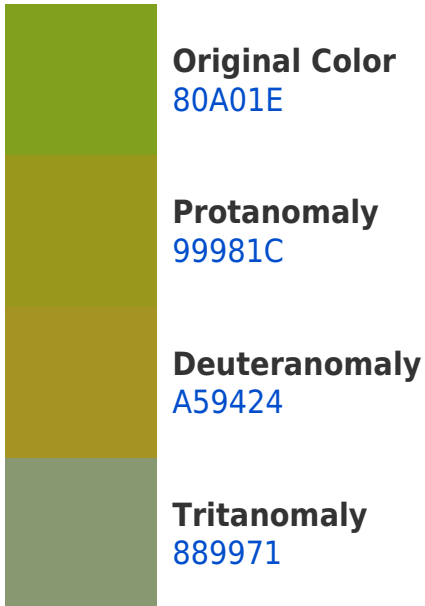
Protanopia
A7941B

Deuteranopia
BA8D28

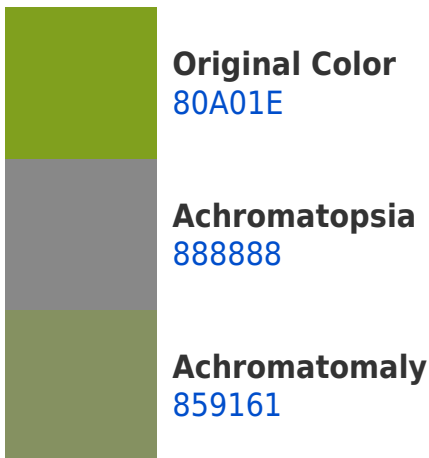


Tritanopia
8D95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A01E 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 #80A01E looks like.

```
.text, #text, p{  
    color:#80A01E  
}
```

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 #80A01E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A01E
}
```

Border

The CSS property to change the border of an element to Hex 80A01E 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
#80A01E }
```

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

```
.border{ border-color:#80A01E }
```

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

Here you see how a box with a 4 pixel #80A01E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A01E; -webkit-box-shadow:4px 4px  
4px 4px #80A01E; box-shadow:4px 4px 4px  
4px #80A01E }
```

Background

The CSS property to change the background color of an element to Hex 80A01E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A01E }
```

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

```
.background{ background-color:#80A01E }
```

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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