

Converting Colors

Hex(40851E)

Have a look what the booklet for
Hex(40851E) contains.

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Color

Hex(40851E)

Conversions

Conversions Part 1

Format	Color
Hex	40851E
RGB	64, 133, 30
RGB Percent	25%, 52%, 12%
CMY	0.7490, 0.4784, 0.8824
CMYK	0.52, 0.00, 0.77, 0.48
HSL	100°, 63%, 32%
HSV	100°, 77%, 52%
XYZ	10.7362, 17.9588, 4.1288
YIQ	100.6270, -8.0610, -46.6610

Conversions

Conversions Part 2

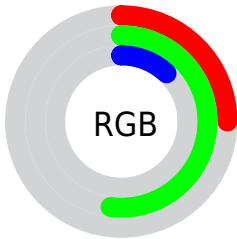
Format	Color
RYB	30, 133, 99
Decimal	4228382
CIELab	49.45, -40.40, 45.65
CIElCh	49, 60.954, 131.509
Yxy	17.9588, 0.3271, 0.5471
Android (android.graphics.Color)	4282418462 (0xFF40851E)
YUV	100.6270, -34.8191, -32.1219
Hunter-Lab	42.3778, -28.9390, 23.8879

Details

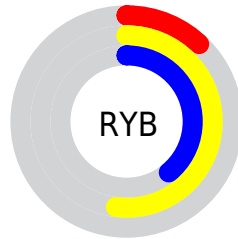
The Hex color **40851E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **631E85**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **77BB52**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **378511**, and if you desaturate by 10%, it is **49852B**.

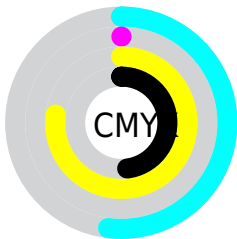
Distribution



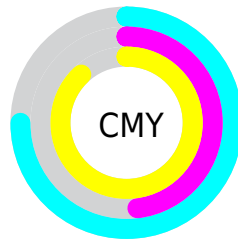
- Red (25%)
- Green (52%)
- Blue (12%)



- Red (12%)
- Yellow (52%)
- Blue (39%)



- Cyan (52%)
- Magenta (0%)
- Yellow (77%)
- Black (48%)



- Cyan (75%)
- Magenta (48%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40851E 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 40851E by changing the saturation by 10% instead.



40851E



40851E

FFFFFF



236B00



77BB52



005200



92D76C



003B00



AEF386



002600



CBFFA1



000000



E8FFBD



FFFFD9



FFFFF6



40851E



40851E

■ 378511

■ 49852B

■ 2E8503

■ 528539

■ 2C8500

■ 5B8546

■ 648553

■ 6D8561

■ 75856E

■ 7E857B

■ 878588

■ 908596

Harmonies

Analogous

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



7B7900



40851E



008B53

Triad

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



40851E



0084D8



D13E64

Complementary

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



40851E



631E85

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.



C14698



40851E



0A75DC

Square

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



40851E



008BB9



905EC4



C65033

Rectangle

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



40851E



008D77



905EC4



CF3D75

Sweetspot

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



40851E



93AD86



85631E



46573E



D6D6D6



575757

Same Dimension

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



40851E



41AD0C



1E852F



3E423C



2B8200



010300

Inverse Universe

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



631E85



780CAD



851E74



403C42



570082



020003

Previews

White Background



This preview shows how the Hex color 40851E looks on a white background.

Color Contrast Check

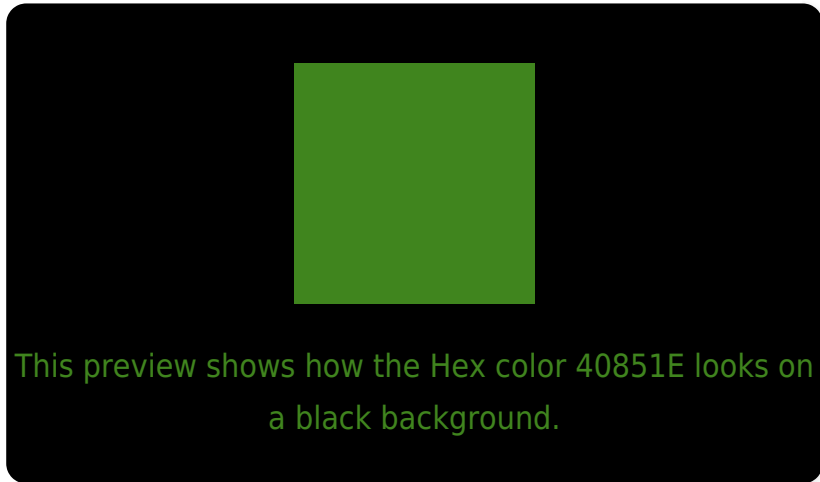
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 40851E Background



This preview shows how black text looks on a background with the Hex color 40851E.



This preview shows how white text looks on a background with the Hex color 40851E.

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
40851E

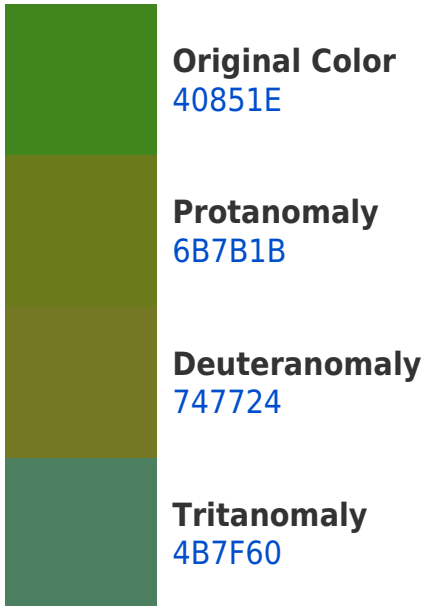
Protanopia
84751A

Deuteranopia
926F28

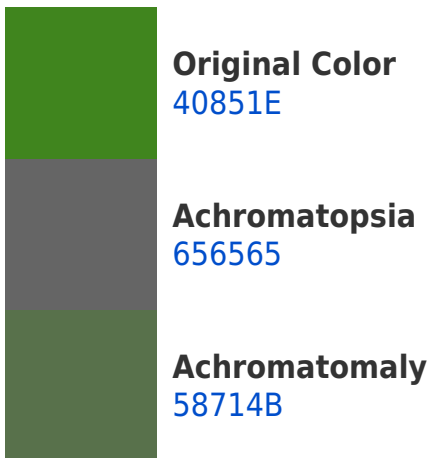


Tritanopia
527C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40851E 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 #40851E looks like.

```
.text, #text, p{  
    color:#40851E  
}
```

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 #40851E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40851E
}
```

Border

The CSS property to change the border of an element to Hex 40851E 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".

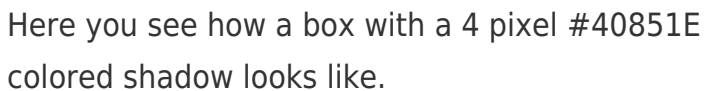
```
.border, #border, table{ border:4px solid
#40851E }
```

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

```
.border{ border-color:#40851E }
```

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

Here you see how a box with a 4 pixel #40851E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the green color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40851E; -webkit-box-shadow:4px 4px  
4px 4px #40851E; box-shadow:4px 4px 4px  
4px #40851E }
```

Background

The CSS property to change the background color of an element to Hex 40851E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40851E }
```

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

```
.background{ background-color:#40851E }
```

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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