

Converting Colors

Hex(63891E)

Have a look what the booklet for
Hex(63891E) contains.

Hex(63891E)	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(63891E)

Conversions

Conversions Part 1

Format	Color
Hex	63891E
RGB	99, 137, 30
RGB Percent	39%, 54%, 12%
CMY	0.6118, 0.4627, 0.8824
CMYK	0.28, 0.00, 0.78, 0.46
HSL	81°, 64%, 33%
HSV	81°, 78%, 54%
XYZ	14.3256, 20.6377, 4.4567
YIQ	113.4400, 11.6990, -41.3330

Conversions

Conversions Part 2

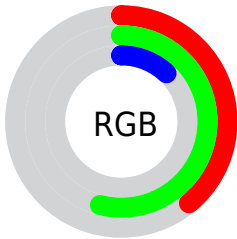
Format	Color
RYB	30, 137, 68
Decimal	6523166
CIELab	52.55, -29.39, 49.26
CIELCh	53, 57.364, 120.817
Yxy	20.6377, 0.3634, 0.5235
Android (android.graphics.Color)	4284713246 (0xFF63891E)
YUV	113.4400, -41.1359, -12.6639
Hunter-Lab	45.4287, -23.2117, 25.9835

Details

The Hex color **63891E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **441E89**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **99BF53**, and **2F5700** is the 20% darker color. If you saturate the color by 10%, you get **5E8910**, and if you desaturate by 10%, it is **68892C**.

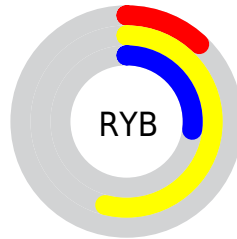
Distribution



Red (39%)

Green (54%)

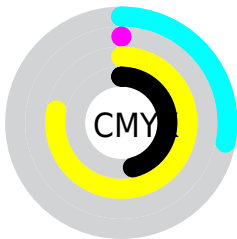
Blue (12%)



Red (12%)

Yellow (54%)

Blue (27%)

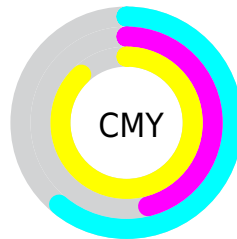


Cyan (28%)

Magenta (0%)

Yellow (78%)

Black (46%)



Cyan (61%)

Magenta (46%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63891E 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 63891E by changing the saturation by 10% instead.

 63891E

 63891E

FFFFFF

 496F00

 99BF53

 2F5700

 B5DB6D

 133F00

 D1F788

 002900

 EEFFA3

 001000

 FFFFBF

 000000

 FFFFDB

 FFFFF8

 63891E

 63891E

■ 5E8910

■ 68892C

■ 598903

■ 6D8939

■ 588900

■ 728947

■ 768955

■ 7B8963

■ 808970

■ 85897E

■ 8A898C

■ 8F8999

Harmonies

Analogous

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



947C04



63891E



00914B

Triad

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



63891E



008FD3



D44C7E

Complementary

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



63891E



441E89

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.



B959AE



63891E



0083E0

Square

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



63891E



0094AF



7E70D3



D2544E

Rectangle

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



63891E



00946C



7E70D3



CE4E8F

Sweetspot

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



63891E



A4B389



89431E



505940



D9D9D9



595959

Same Dimension

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



63891E



77B30B



2E891E



42453E



568500



030500

Inverse Universe

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



441E89



460BB3



791E89



403E45



2F0085



020005

Previews

White Background



This preview shows how the Hex color 63891E looks on a white background.

Color Contrast Check

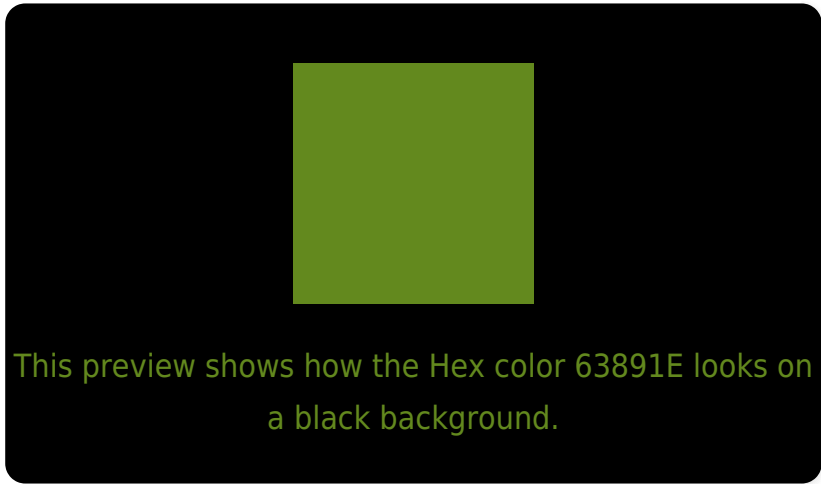
Large Text (above 18pt) WCAG AA ✓ Pass

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 63891E Background



This preview shows how black text looks on a background with the Hex color 63891E.



This preview shows how white text looks on a background with the Hex color 63891E.

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
63891E

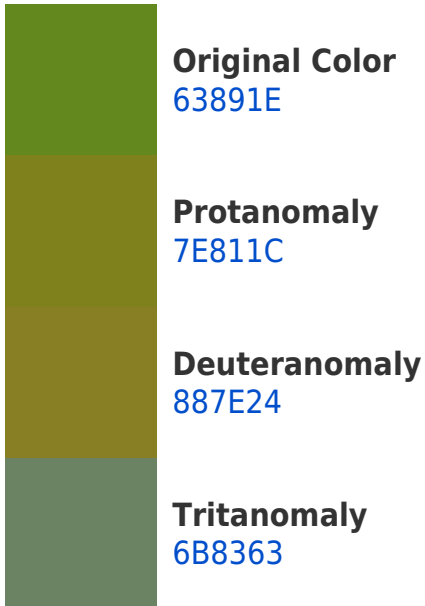
Protanopia
8D7D1B

Deuteranopia
9D7727



Tritanopia
6F808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63891E 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 #63891E looks like.

```
.text, #text, p{  
    color:#63891E  
}
```

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 #63891E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63891E
}
```

Border

The CSS property to change the border of an element to Hex 63891E 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
#63891E }
```

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

```
.border{ border-color:#63891E }
```

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

Here you see how a box with a 4 pixel #63891E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63891E; -webkit-box-shadow:4px 4px  
4px 4px #63891E; box-shadow:4px 4px 4px  
4px #63891E }
```

Background

The CSS property to change the background color of an element to Hex 63891E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63891E }
```

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

```
.background{ background-color:#63891E }
```

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