

Converting Colors

Hex(58831C)

Have a look what the booklet for
Hex(58831C) contains.

Hex(58831C)	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(58831C)

Conversions

Conversions Part 1

Format	Color
Hex	58831C
RGB	88, 131, 28
RGB Percent	35%, 51%, 11%
CMY	0.6549, 0.4863, 0.8902
CMYK	0.33, 0.00, 0.79, 0.49
HSL	85°, 65%, 31%
HSV	85°, 79%, 51%
XYZ	12.3504, 18.3911, 3.9975
YIQ	106.4010, 7.4350, -41.1490

Conversions

Conversions Part 2

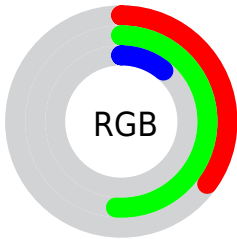
Format	Color
RYB	28, 131, 71
Decimal	5800732
CIELab	49.97, -31.09, 47.26
CIELCh	50, 56.573, 123.337
Yxy	18.3911, 0.3555, 0.5294
Android (android.graphics.Color)	4283990812 (0xFF58831C)
YUV	106.4010, -38.6517, -16.1377
Hunter-Lab	42.8849, -23.6424, 24.4927

Details

The Hex color **58831C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **471C83**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8DB851**, and **245100** is the 20% darker color. If you saturate the color by 10%, you get **53830F**, and if you desaturate by 10%, it is **5D8329**.

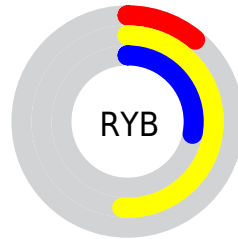
Distribution



Red (35%)

Green (51%)

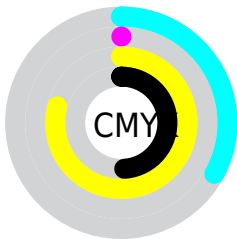
Blue (11%)



Red (11%)

Yellow (51%)

Blue (28%)

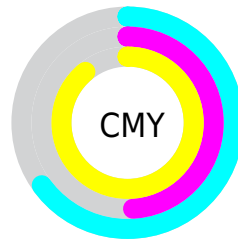


Cyan (33%)

Magenta (0%)

Yellow (79%)

Black (49%)



Cyan (65%)

Magenta (49%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58831C 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 58831C by changing the saturation by 10% instead.



58831C



58831C

FFFFFF



3E6A00



8DB851



245100



A9D46B



043A00



C5F185



002500



E2FFA0



000000



FFFFBC



FFFFD8



FFFFF5



58831C



58831C

■ 53830F

■ 5D8329

■ 4D8302

■ 638336

■ 4C8300

■ 688343

■ 6E8350

■ 73835E

■ 79836B

■ 7E8378

■ 848385

■ 898392

Harmonies

Analogous

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



897600



58831C



008A49

Triad

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



58831C



0087CD



CC4674

Complementary

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



58831C



471C83

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.



B552A3



58831C



007BD7

Square

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



58831C



008CAB



7E68C8



C85045

Rectangle

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



58831C



008D6A



7E68C8



C74784

Sweetspot

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



58831C



9AAB82



83471C



4C573E



D6D6D6



575757

Same Dimension

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



58831C



68AB0A



25831C



40423C



4C8200



010300

Inverse Universe

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



471C83



4D0AAB



7A1C83



3E3C42



360082



010003

Previews

White Background



This preview shows how the Hex color 58831C looks on a white background.

Color Contrast Check

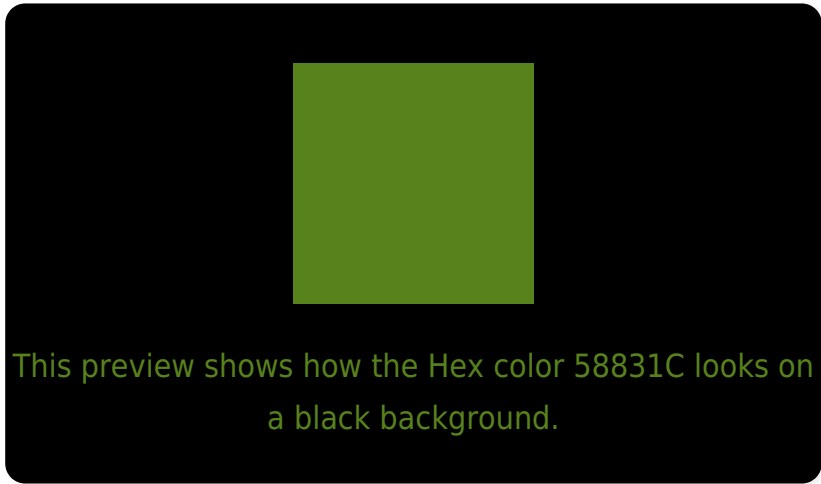
Large Text (above 18pt) WCAG AA ✓ Pass

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 58831C Background



This preview shows how black text looks on a background with the Hex color 58831C.



This preview shows how white text looks on a background with the Hex color 58831C.

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
58831C

Protanopia
857719

Deuteranopia
947025



Tritanopia
657A84

Trichromacy



Original Color
58831C

Protanomaly
757B1A

Deuteranomaly
7E7722

Tritanomaly
607D5E

Monochromacy



Original Color
58831C

Achromatopsia
6A6A6A

Achromatomaly
63734E

CSS Examples

Text

The CSS property to change the color of the text to Hex 58831C 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 #58831C looks like.

```
.text, #text, p{  
    color:#58831C  
}
```

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 #58831C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58831C
}
```

Border

The CSS property to change the border of an element to Hex 58831C 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
#58831C }
```

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

```
.border{ border-color:#58831C }
```

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

Here you see how a box with a 4 pixel #58831C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58831C; -webkit-box-shadow:4px 4px  
4px 4px #58831C; box-shadow:4px 4px 4px  
4px #58831C }
```

Background

The CSS property to change the background color of an element to Hex 58831C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58831C }
```

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

```
.background{ background-color:#58831C }
```

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