

Converting Colors

Hex(59801C)

Have a look what the booklet for
Hex(59801C) contains.

Hex(59801C)	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(59801C)

Conversions

Conversions Part 1

Format	Color
Hex	59801C
RGB	89, 128, 28
RGB Percent	35%, 50%, 11%
CMY	0.6510, 0.4980, 0.8902
CMYK	0.30, 0.00, 0.78, 0.50
HSL	83°, 64%, 31%
HSV	83°, 78%, 50%
XYZ	12.0486, 17.6460, 3.8696
YIQ	104.9390, 8.8560, -39.3680

Conversions

Conversions Part 2

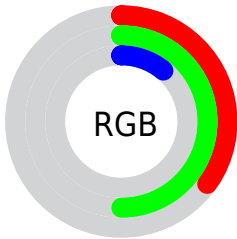
Format	Color
R_{YB}	28, 128, 67
Decimal	5865500
CIE _{Lab}	49.06, -29.28, 46.42
CIE _{LCh}	49, 54.884, 122.238
Yxy	17.6460, 0.3590, 0.5257
Android (android.graphics.Color)	4284055580 (0xFF59801C)
YUV	104.9390, -37.9309, -13.9785
Hunter-Lab	42.0072, -22.3148, 23.9434

Details

The Hex color **59801C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **431C80**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8EB550**, and **264E00** is the 20% darker color. If you saturate the color by 10%, you get **54800F**, and if you desaturate by 10%, it is **5E8029**.

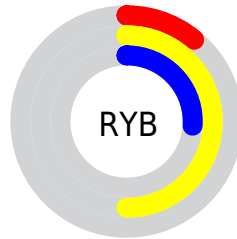
Distribution



Red (35%)

Green (50%)

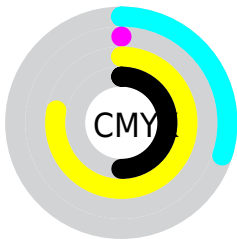
Blue (11%)



Red (11%)

Yellow (50%)

Blue (26%)

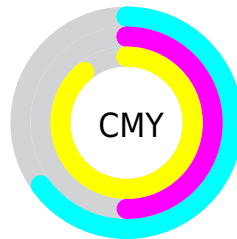


Cyan (30%)

Magenta (0%)

Yellow (78%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59801C 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 59801C by changing the saturation by 10% instead.



59801C



59801C

FFFFFF



3F6700



8EB550



264E00



AAD16A



073700



C6ED84



002300



E3FF9F



000000



FFFFBB



FFFFD7



FFFFF4



59801C



59801C

■ 54800F

■ 5E8029

■ 4F8002

■ 638036

■ 4E8000

■ 688042

■ 6D804F

■ 72805C

■ 778069

■ 7C8076

■ 818082

■ 86808F

Harmonies

Analogous

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



887401



59801C



008747

Triad

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



59801C



0084C7



C64673

Complementary

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



59801C



431C80

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.



AF52A1



59801C



0079D2

Square

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



59801C



008AA5



7967C4



C44E46

Rectangle

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



59801C



008A67



7967C4



C24883

Sweetspot

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



59801C



97A680



80421C



4B543D



D4D4D4



545454

Same Dimension

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



59801C



69A60A



28801C



3D4039



4E8000



000000

Inverse Universe

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



431C80



470AA6



741C80



3C3940



320080



000000

Previews

White Background



This preview shows how the Hex color 59801C looks on a white background.

Color Contrast Check

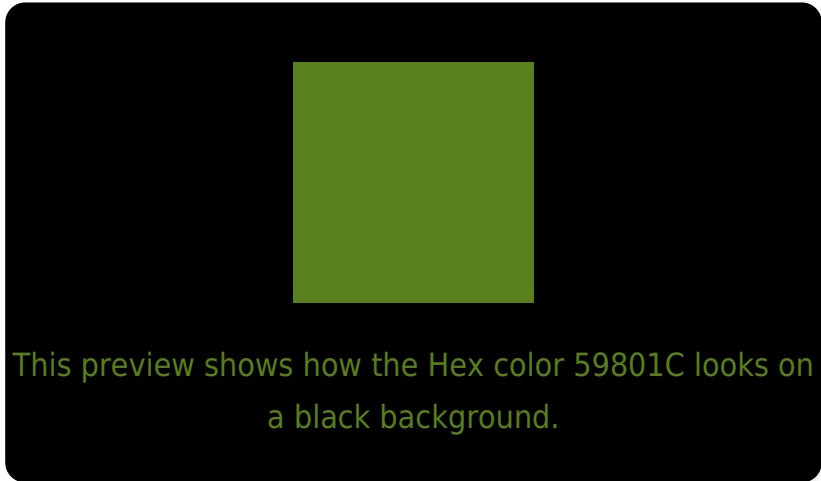
Large Text (above 18pt) WCAG AA ✓ Pass

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 59801C Background



This preview shows how black text looks on a background with the Hex color 59801C.



This preview shows how white text looks on a background with the Hex color 59801C.

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
59801C

Protanopia
837419

Deuteranopia
926E24



Tritanopia
657781

Trichromacy



Original Color
59801C

Protanomaly
74781A

Deuteranomaly
7D7521

Tritanomaly
617A5C

Monochromacy



Original Color
59801C

Achromatopsia
696969

Achromatomaly
63714D

CSS Examples

Text

The CSS property to change the color of the text to Hex 59801C 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 #59801C looks like.

```
.text, #text, p{  
    color:#59801C  
}
```

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 #59801C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59801C
}
```

Border

The CSS property to change the border of an element to Hex 59801C 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".

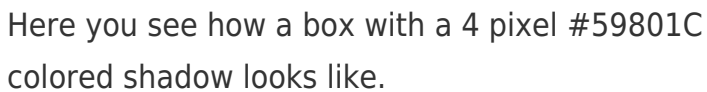
```
.border, #border, table{ border:4px solid
#59801C }
```

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

```
.border{ border-color:#59801C }
```

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

Here you see how a box with a 4 pixel #59801C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59801C; -webkit-box-shadow:4px 4px  
4px 4px #59801C; box-shadow:4px 4px 4px  
4px #59801C }
```

Background

The CSS property to change the background color of an element to Hex 59801C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59801C }
```

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

```
.background{ background-color:#59801C }
```

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