

Converting Colors

Hex(50851C)

Have a look what the booklet for
Hex(50851C) contains.

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Color

Hex(50851C)

Conversions

Conversions Part 1

Format	Color
Hex	50851C
RGB	80, 133, 28
RGB Percent	31%, 52%, 11%
CMY	0.6863, 0.4784, 0.8902
CMYK	0.40, 0.00, 0.79, 0.48
HSL	90°, 65%, 32%
HSV	90°, 79%, 52%
XYZ	11.9054, 18.5644, 4.0544
YIQ	105.1830, 2.1170, -43.8910

Conversions

Conversions Part 2

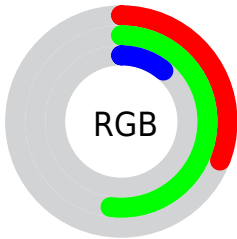
Format	Color
R_{YB}	28, 133, 81
Decimal	5276956
CIE _{Lab}	50.17, -35.06, 47.31
CIE _{LCh}	50, 58.882, 126.542
Yxy	18.5644, 0.3448, 0.5377
Android (android.graphics.Color)	4283467036 (0xFF50851C)
YUV	105.1830, -38.0512, -22.0855
Hunter-Lab	43.0864, -26.0790, 24.5813




Details

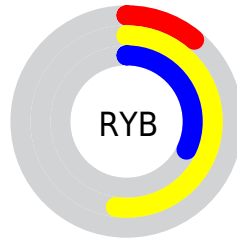
The Hex color **50851C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **511C85**, and the grayscale version is **6A6A6A**.




A 20% lighter version of the original color is **86BB51**, and **1A5300** is the 20% darker color. If you saturate the color by 10%, you get **49850F**, and if you desaturate by 10%, it is **578529**.

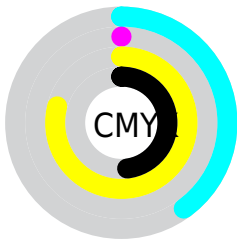
Distribution







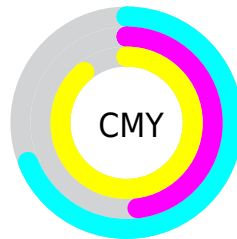
-  Red (31%)
-  Green (52%)
-  Blue (11%)






-  Red (11%)
-  Yellow (52%)
-  Blue (32%)



-  Cyan (40%)
-  Magenta (0%)
-  Yellow (79%)
-  Black (48%)



-  Cyan (69%)
-  Magenta (48%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50851C 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 50851C by changing the saturation by 10% instead.

 50851C

 50851C

FFFFFF

 356B00

 86BB51

 1A5300

 A1D66B

 003B00

 BDF385

 002600

 DAFFA0

 000100

 F7FFBC

 000000

 FFFFD8

 FFFFF5

 50851C

 50851C

■ 49850F

■ 578529

■ 438501

■ 5D8537

■ 428500

■ 648544

■ 6B8551

■ 72855F

■ 78856C

■ 7F8579

■ 868586

■ 8C8594

Harmonies

Analogous

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



857900



50851C



008C4D

Triad

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



50851C



0087D3



D0436F

Complementary

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



50851C



511C85

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.



BC4EA0



50851C



007ADC

Square

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



50851C



008DB2



8665C9



C9503E

Rectangle

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



50851C



008E70



8665C9



CD447F

Sweetspot

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



50851C



98AD84



85511C



4A573E



D6D6D6



575757

Same Dimension

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



50851C



5AAD09



1C851C



3F423C



408200



010300

Inverse Universe

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



511C85



5C09AD



851C85



3F3C42



420082



010003

Previews

White Background



This preview shows how the Hex color 50851C looks on a white background.

Color Contrast Check

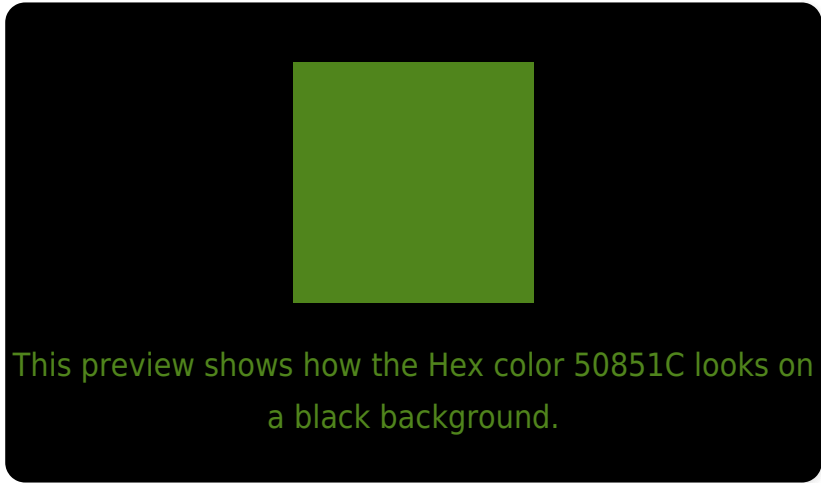
Large Text (above 18pt) WCAG AA ✓ Pass

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 50851C Background



This preview shows how black text looks on a background with the Hex color 50851C.



This preview shows how white text looks on a background with the Hex color 50851C.

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
50851C

Protanopia
867718

Deuteranopia
957126



Tritanopia
5F7C86

Trichromacy



Original Color
50851C

Protanomaly
727C19

Deuteranomaly
7C7822

Tritanomaly
5A7F5F

Monochromacy



Original Color
50851C

Achromatopsia
696969

Achromatomaly
60734D

CSS Examples

Text

The CSS property to change the color of the text to Hex 50851C 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 #50851C looks like.

```
.text, #text, p{  
    color:#50851C  
}
```

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 #50851C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50851C
}
```

Border

The CSS property to change the border of an element to Hex 50851C 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".

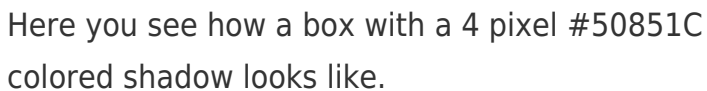
```
.border, #border, table{ border:4px solid
#50851C }
```

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

```
.border{ border-color:#50851C }
```

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

Here you see how a box with a 4 pixel #50851C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50851C; -webkit-box-shadow:4px 4px  
4px 4px #50851C; box-shadow:4px 4px 4px  
4px #50851C }
```

Background

The CSS property to change the background color of an element to Hex 50851C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50851C }
```

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

```
.background{ background-color:#50851C }
```

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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