

Converting Colors

Hex(00841C)

Have a look what the booklet for
Hex(00841C) contains.

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Color

Hex(00841C)

Conversions

Conversions Part 1

Format	Color
Hex	00841C
RGB	0, 132, 28
RGB Percent	0%, 52%, 11%
CMY	1.0000, 0.4824, 0.8902
CMYK	1.00, 0.00, 0.79, 0.48
HSL	133°, 100%, 26%
HSV	133°, 100%, 52%
XYZ	8.4609, 16.5864, 3.8542
YIQ	80.6760, -45.2880, -60.3280

Conversions

Conversions Part 2

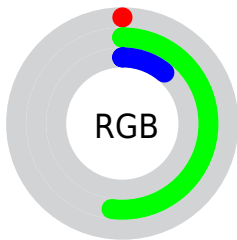
Format	Color
RYB	0, 109, 132
Decimal	33820
CIELab	47.73, -51.47, 44.22
CIELCh	48, 67.853, 139.331
Yxy	16.5864, 0.2927, 0.5739
Android (android.graphics.Color)	4278223900 (0xFF00841C)
YUV	80.6760, -25.9693, -70.7529
Hunter-Lab	40.7264, -34.1879, 22.8975

Details

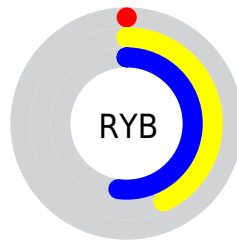
The Hex color **00841C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **840068**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **52BA50**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **00841C**, and if you desaturate by 10%, it is **0D8426**.

Distribution



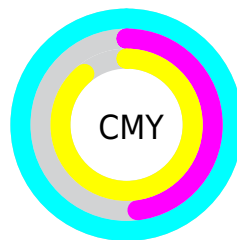
- Red (0%)
- Green (52%)
- Blue (11%)



- Red (0%)
- Yellow (43%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00841C 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 00841C by changing the saturation by 10% instead.

 00841C

 00841C

FFFFFF

 006A00

 52BA50

 005100

 6FD76A

 003900

 8CF384

 002200

 A9FF9F

 000000

 C6FFBB

 E3FFD7

 FFFFF4

 00841C

 0D8426

 1A8431

 28843B

 358446

 428450

 4F845A

 5C8465

 6A846F

 77847A

Harmonies

Analogous

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



667A00



00841C



00895A

Triad

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



00841C



007EE3



D42F4F

Complementary

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



00841C



840068

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.



CC2F88



00841C



346BDE

Square

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



00841C



0088C8



A04EBD



C14D17

Rectangle

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



00841C



008A82



A04EBD



D52A62

Sweetspot

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



00841C



78AB82



6A8400



37573E



D6D6D6



575757

Same Dimension

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



00841C



00AB24



00845C



3C423D



00821C



000301

Inverse Universe

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



840068



AB0087



840028



423C41



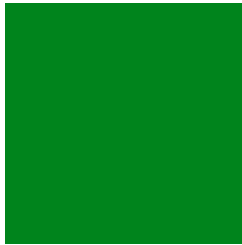
820066



030002

Previews

White Background



This preview shows how the Hex color 00841C looks on a white background.

Color Contrast Check

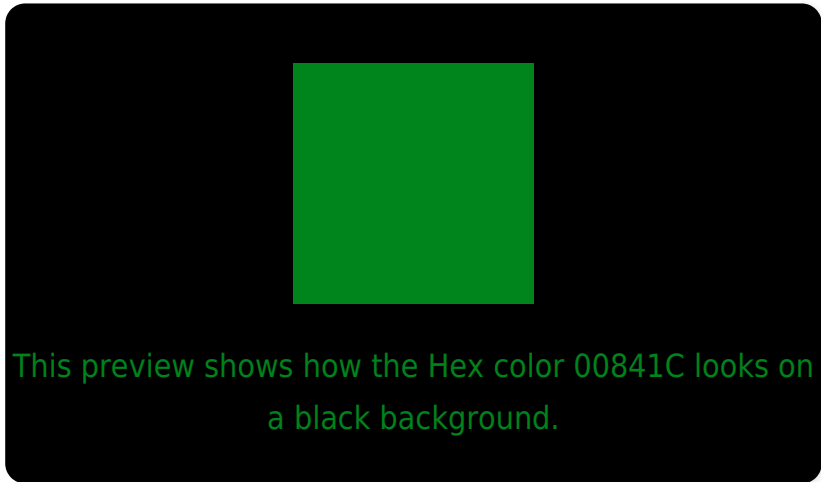
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00841C Background



This preview shows how black text looks on a background with the Hex color 00841C.



This preview shows how white text looks on a background with the Hex color 00841C.

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
00841C

Protanopia
7F7117

Deuteranopia
8D6B27



Tritanopia
377B85

Trichromacy



Original Color
00841C



Protanomaly
517819



Deuteranomaly
5A7423



Tritanomaly
237E5F

Monochromacy



Original Color
00841C



Achromatopsia
515151



Achromatomaly
34643E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00841C 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 #00841C looks like.

```
.text, #text, p{  
    color:#00841C  
}
```

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 #00841C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00841C
}
```

Border

The CSS property to change the border of an element to Hex 00841C 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
#00841C }
```

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

```
.border{ border-color:#00841C }
```

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

Here you see how a box with a 4 pixel #00841C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00841C; -webkit-box-shadow:4px 4px  
4px 4px #00841C; box-shadow:4px 4px 4px  
4px #00841C }
```

Background

The CSS property to change the background color of an element to Hex 00841C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00841C }
```

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

```
.background{ background-color:#00841C }
```

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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