

# Converting Colors

Hex(00921C)

Have a look what the booklet for  
Hex(00921C) contains.

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**Color**

**Hex(00921C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00921C
RGB	0, 146, 28
RGB Percent	0%, 57%, 11%
CMY	1.0000, 0.4275, 0.8902
CMYK	1.00, 0.00, 0.81, 0.43
HSL	132°, 100%, 29%
HSV	132°, 100%, 57%
XYZ	10.4885, 20.6416, 4.5300
YIQ	88.8940, -49.1380, -67.6500

# Conversions

## Conversions Part 2

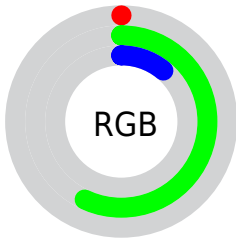
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 123, 146
Decimal	37404
CIELab	52.56, -55.67, 48.90
CIELCh	53, 74.095, 138.706
Yxy	20.6416, 0.2941, 0.5788
Android (android.graphics.Color)	4278227484 (0xFF00921C)
YUV	88.8940, -30.0207, -77.9600
Hunter-Lab	45.4330, -38.3000, 25.8914

# Details

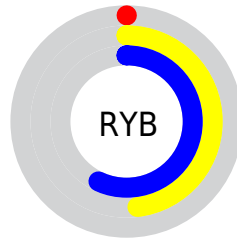
The Hex color **00921C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **920076**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **57C952**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **00921C**, and if you desaturate by 10%, it is **0F9228**.

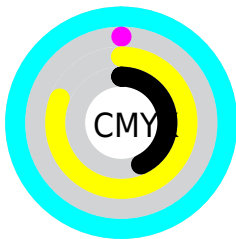
# Distribution



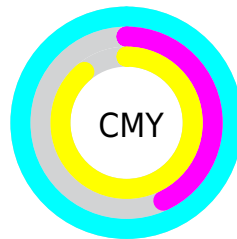
- Red (0%)
- Green (57%)
- Blue (11%)



- Red (0%)
- Yellow (48%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00921C 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 00921C by changing the saturation by 10% instead.



 00921C

 00921C

FFFFFF

 007700

 57C952

 005E00

 75E66C

 004500

 92FF87

 002F00

 AFFFA2

 001000

 CDFFBE

 000000

 EBFFDB

 FFFFF8

 00921C

 0F9228

 1D9234

 2C923F

 3A924B

 499257

 589263

 66926F

 75927A

 839286

# Harmonies

## Analogous

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



728600



00921C



009862

# Triad

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



00921C



008CFB



EB3259

# Complementary

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



00921C



920076

# 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.



E13398



00921C



3177F7

# Square

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



00921C



0096DD



B057D2



D6541A

# Rectangle

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



00921C



00998F



B057D2



EC2C6E



# Sweetspot

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



00921C



84BD8F



779200



3C5E43



DEDEDE



5E5E5E



# Same Dimension

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



00921C



00BD24



009264



434A44



008A1A



000A02



# Inverse Universe

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



920076



BD0099



92002E



4A4349



8A006F

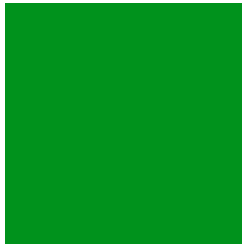


0A0008



# Previews

## White Background



This preview shows how the Hex color 00921C looks on a white background.

## Color Contrast Check

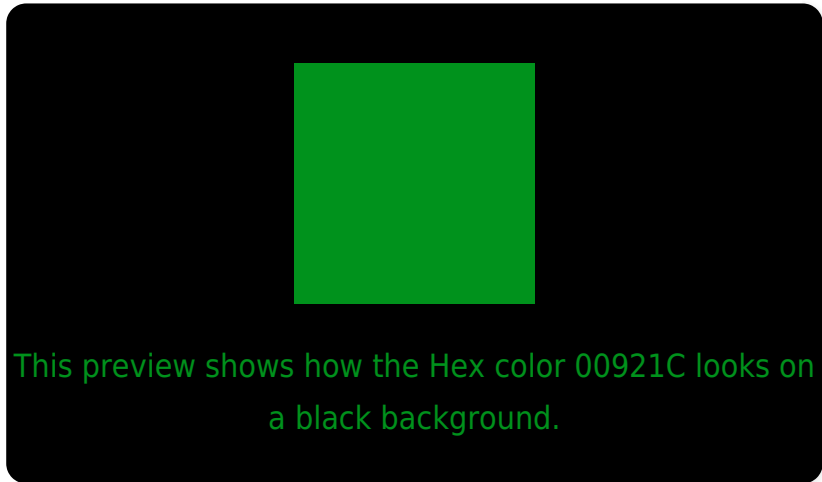
Large Text (above 18pt) WCAG AA ✓ Pass

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 00921C Background



This preview shows how black text looks on a background with the Hex color 00921C.



This preview shows how white text looks on a background with the Hex color 00921C.

# 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**  
00921C

**Protanopia**  
8D7D17

**Deuteranopia**  
9C7729



**Tritanopia**  
3D8893

# Trichromacy



**Original Color**  
00921C



**Protanomaly**  
5A8519



**Deuteranomaly**  
638124



**Tritanomaly**  
278C68

# Monochromacy



**Original Color**  
00921C



**Achromatopsia**  
595959



**Achromatomaly**  
396E43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00921C 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 #00921C looks like.

```
.text, #text, p{  
    color:#00921C  
}
```

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 #00921C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00921C
}
```

## Border

The CSS property to change the border of an element to Hex 00921C 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".

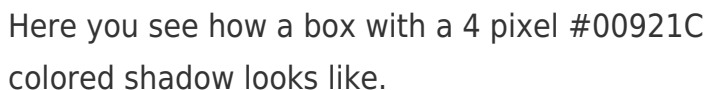
```
.border, #border, table{ border:4px solid
#00921C }
```

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

```
.border{ border-color:#00921C }
```

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

Here you see how a box with a 4 pixel #00921C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00921C; -webkit-box-shadow:4px 4px  
4px 4px #00921C; box-shadow:4px 4px 4px  
4px #00921C }
```

# Background

The CSS property to change the background color of an element to Hex 00921C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00921C }
```

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

```
.background{ background-color:#00921C }
```

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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