

# Converting Colors

Hex(007A1C)

Have a look what the booklet for  
Hex(007A1C) contains.

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**Color**

**Hex(007A1C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007A1C
RGB	0, 122, 28
RGB Percent	0%, 48%, 11%
CMY	1.0000, 0.5216, 0.8902
CMYK	1.00, 0.00, 0.77, 0.52
HSL	134°, 100%, 24%
HSV	134°, 100%, 48%
XYZ	7.1691, 14.0029, 3.4236
YIQ	74.8060, -42.5380, -55.0980

# Conversions

## Conversions Part 2

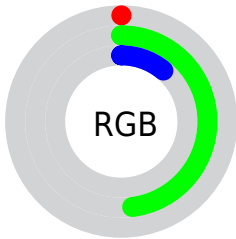
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 99, 122
Decimal	31260
CIELab	44.24, -48.38, 40.73
CIELCh	44, 63.247, 139.908
Yxy	14.0029, 0.2915, 0.5693
Android (android.graphics.Color)	4278221340 (0xFF007A1C)
YUV	74.8060, -23.0754, -65.6049
Hunter-Lab	37.4205, -31.2882, 20.7699

# Details

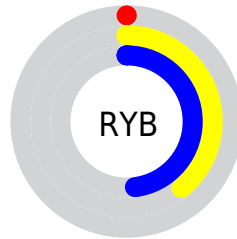
The Hex color **007A1C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A005E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4EB04F**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **007A1C**, and if you desaturate by 10%, it is **0C7A25**.

# Distribution



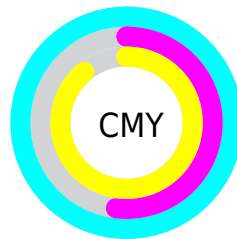
- Red (0%)
- Green (48%)
- Blue (11%)



- Red (0%)
- Yellow (39%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007A1C 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 007A1C by changing the saturation by 10% instead.



 007A1C

 007A1C

FFFFFF

 006000

 4EB04F

 004800

 6BCC68

 003100

 87E882

 001700

 A4FF9D

 000000

 C1FFB8

 DEFFD5


 FCFFF1

 007A1C

 0C7A25

 187A2F

 257A38

 317A42

 3D7A4B

 497A54

 557A5E

 627A67

 6E7A71

# Harmonies

## Analogous

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



5E7100



007A1C



007F54

# Triad

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



007A1C



0074D1



C32D48

# Complementary

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



007A1C



7A005E

# 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.



BC2C7D



007A1C



3663CD

# Square

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



007A1C



007DB9



9548AD



B14815

# Rectangle

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



007A1C



008079



9548AD



C4285A



# Sweetspot

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



007A1C



6F9E7A



607A00



334F39



CFCFCF



4F4F4F



# Same Dimension

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



007A1C



009E24



007A57



373D38



007D1D



00FC3A



# Inverse Universe

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



7A005E



9E007A



7A0023



3D373C



7D0060

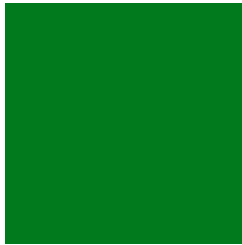


FC00C3



# Previews

## White Background



This preview shows how the Hex color 007A1C looks on a white background.

## Color Contrast Check

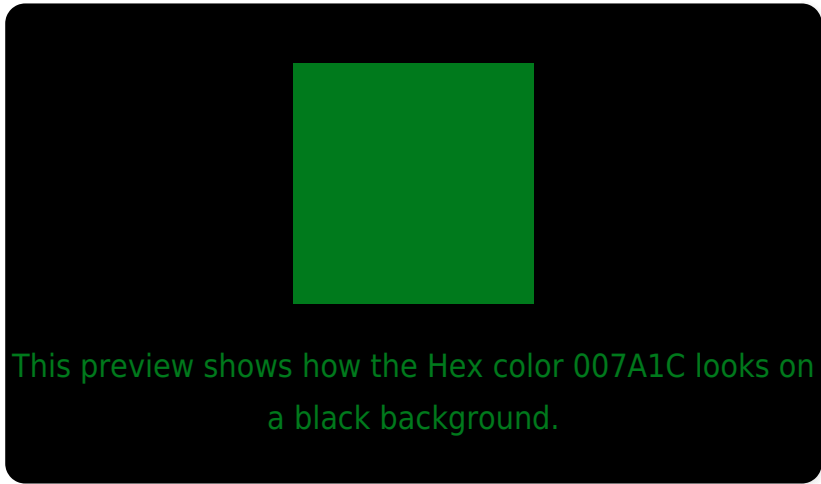
Large Text (above 18pt) WCAG AA ✓ Pass

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 007A1C Background



This preview shows how black text looks on a background with the Hex color 007A1C.



This preview shows how white text looks on a background with the Hex color 007A1C.

# 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**  
007A1C

**Protanopia**  
756918

**Deuteranopia**  
826326



**Tritanopia**  
32727B

# Trichromacy



**Original Color**  
007A1C



**Protanomaly**  
4A6F19



**Deuteranomaly**  
536B22



**Tritanomaly**  
207558

# Monochromacy



**Original Color**  
007A1C



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
305C3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007A1C 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 #007A1C looks like.

```
.text, #text, p{  
    color:#007A1C  
}
```

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 #007A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A1C
}
```

## Border

The CSS property to change the border of an element to Hex 007A1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

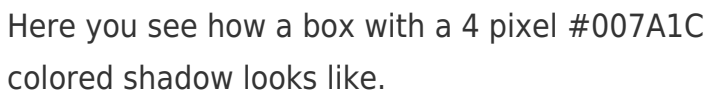
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007A1C }
```

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

```
.border{ border-color:#007A1C }
```

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



Here you see how a box with a 4 pixel #007A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A1C; -webkit-box-shadow:4px 4px  
4px 4px #007A1C; box-shadow:4px 4px 4px  
4px #007A1C }
```

# Background

The CSS property to change the background color of an element to Hex 007A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A1C }
```

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

```
.background{ background-color:#007A1C }
```

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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