

# Converting Colors

Hex(008C01)

Have a look what the booklet for  
Hex(008C01) contains.

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**Color**

**Hex(008C01)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008C01
RGB	0, 140, 1
RGB Percent	0%, 55%, 0%
CMY	1.0000, 0.4510, 0.9961
CMYK	1.00, 0.00, 0.99, 0.45
HSL	120°, 100%, 27%
HSV	120°, 100%, 55%
XYZ	9.3836, 18.7584, 3.1549
YIQ	82.2940, -38.8210, -72.9090

# Conversions

## Conversions Part 2

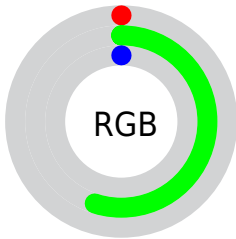
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 139, 140
Decimal	35841
CIELab	50.40, -55.13, 53.06
CIELCh	50, 76.517, 136.097
Yxy	18.7584, 0.2998, 0.5994
Android (android.graphics.Color)	4278225921 (0xFF008C01)
YUV	82.2940, -40.0779, -72.1718
Hunter-Lab	43.3109, -37.1211, 25.9988

# Details

The Hex color **008C01** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8C008B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **56C343**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **008C01**, and if you desaturate by 10%, it is **0E8C0F**.

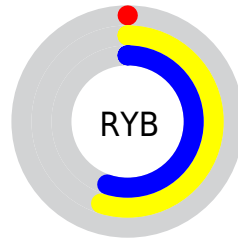
# Distribution



Red (0%)

Green (55%)

Blue (0%)



Red (0%)

Yellow (55%)

Blue (55%)

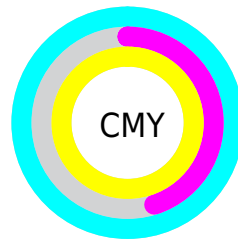


Cyan (100%)

Magenta (0%)

Yellow (99%)

Black (45%)



Cyan (100%)

Magenta (45%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008C01 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 008C01 by changing the saturation by 10% instead.



 008C01

 008C01

FFFFFF

 007200

 56C343

 005800

 73DF5E

 003F00

 91FC78

 002900

 AEFF94

 000300

 CCFFAF

 000000

 E9FFCC

 FFFFE8

 008C01

 0E8C0F

 1C8C1D

 2A8C2B

 388C39

 468C47

 548C54

 628C62

 708C70

 7E8C7E

# Harmonies

## Analogous

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



718000



008C01



009256

# Triad

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



008C01



0089F8



E81F58

# Complementary

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



008C01



8C008B

# 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.



DB2799



008C01



0074F7

# Square

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



008C01



0092D6



A452D4



D44817

# Rectangle

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



008C01



009384



A452D4



E7166E



# Sweetspot

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



008C01



7FB57F



8C8C00



3B5C3B



DBDBDB



5C5C5C



# Same Dimension

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



008C01



00B501



008C46



3E453E



008501



000500



# Inverse Universe

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



8C008B



B500B4



8C0046



453E45



850084

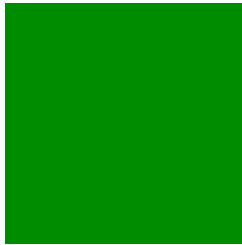


050005



# Previews

## White Background



This preview shows how the Hex color 008C01 looks on a white background.

## Color Contrast Check

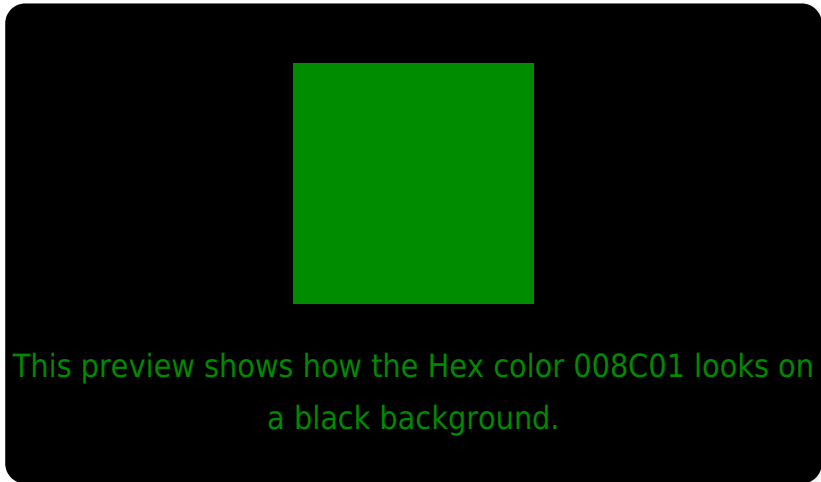
Large Text (above 18pt) WCAG AA ✓ Pass

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 008C01 Background



This preview shows how black text looks on a background with the Hex color 008C01.



This preview shows how white text looks on a background with the Hex color 008C01.

# 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**  
008C01

**Protanopia**  
877800

**Deuteranopia**  
96711E



**Tritanopia**  
3B828D

# Trichromacy



**Original Color**  
008C01



**Protanomaly**  
567F00

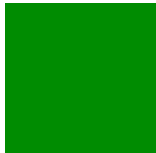


**Deuteranomaly**  
5F7B13

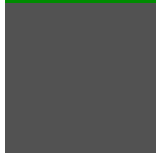


**Tritanomaly**  
26865A

# Monochromacy



**Original Color**  
008C01



**Achromatopsia**  
525252



**Achromatomaly**  
346735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008C01 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 #008C01 looks like.

```
.text, #text, p{  
    color:#008C01  
}
```

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 #008C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C01
}
```

## Border

The CSS property to change the border of an element to Hex 008C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

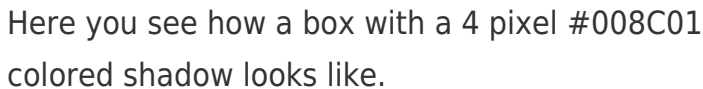
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#008C01 }
```

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

```
.border{ border-color:#008C01 }
```

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



Here you see how a box with a 4 pixel #008C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C01; -webkit-box-shadow:4px 4px  
4px 4px #008C01; box-shadow:4px 4px 4px  
4px #008C01 }
```

# Background

The CSS property to change the background color of an element to Hex 008C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C01 }
```

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

```
.background{ background-color:#008C01 }
```

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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