

Converting Colors

Hex(0D8E01)

Have a look what the booklet for
Hex(0D8E01) contains.

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Color

Hex(0D8E01)

Conversions

Conversions Part 1

Format	Color
Hex	0D8E01
RGB	13, 142, 1
RGB Percent	5%, 56%, 0%
CMY	0.9490, 0.4431, 0.9961
CMYK	0.91, 0.00, 0.99, 0.44
HSL	115°, 99%, 28%
HSV	115°, 99%, 56%
XYZ	9.8445, 19.4338, 3.2610
YIQ	87.3550, -31.6230, -71.1990

Conversions

Conversions Part 2

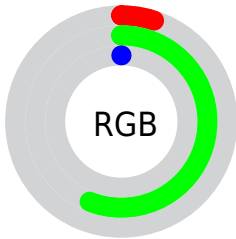
Format	Color
RYB	1, 142, 130
Decimal	888321
CIELab	51.19, -54.80, 53.74
CIELCh	51, 76.753, 135.563
Yxy	19.4338, 0.3025, 0.5972
Android (android.graphics.Color)	4279078401 (0xFF0D8E01)
YUV	87.3550, -42.5730, -65.2093
Hunter-Lab	44.0837, -37.2852, 26.4728

Details

The Hex color **0D8E01** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **82018E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5AC544**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **0C8E00**, and if you desaturate by 10%, it is **1A8E0F**.

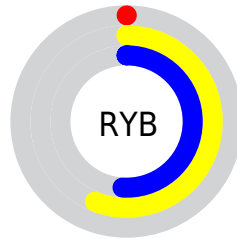
Distribution



Red (5%)

Green (56%)

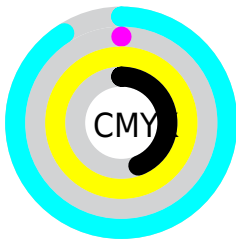
Blue (0%)



Red (0%)

Yellow (56%)

Blue (51%)

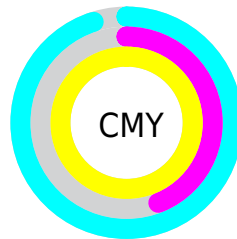


Cyan (91%)

Magenta (0%)

Yellow (99%)

Black (44%)



Cyan (95%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D8E01 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 0D8E01 by changing the saturation by 10% instead.

 0D8E01

 0D8E01

FFFFFF

 007400

 5AC544

 005A00

 77E15E

 004100

 94FE79

 002B00

 B2FF94

 000800

 CFFF80

 000000

 EDFFC0

 FFFF80

 0D8E01

 0D8E01

■ 0C8E00

■ 1A8E0F

■ 278E1D

■ 348E2C

■ 418E3A

■ 4E8E48

■ 5B8E56

■ 688E64

■ 758E73

■ 828E81

Harmonies

Analogous

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



748200



0D8E01



009457

Triad

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



0D8E01



008BFA



EA215B

Complementary

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



0D8E01



82018E

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.



DD2A9C



0D8E01



0077FA

Square

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



0D8E01



0094D7



A555D7



D84A1A

Rectangle

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



0D8E01



009685



A555D7



EA1A71

Sweetspot

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



0D8E01



85B881



8E8001



3E5C3B



DBDBDB



5C5C5C

Same Dimension

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



0D8E01



10B800



018E39



414740



0C8700



010800

Inverse Universe

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



82018E



A800B8



8E0156



474047



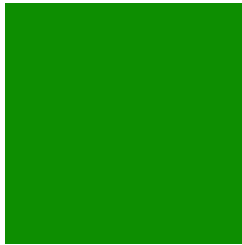
7C0087



070008

Previews

White Background



This preview shows how the Hex color 0D8E01 looks on a white background.

Color Contrast Check

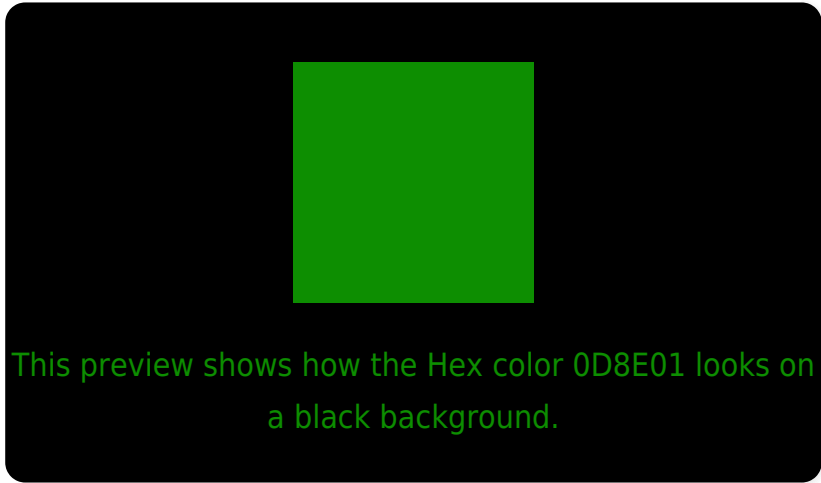
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D8E01 Background



This preview shows how black text looks on a background with the Hex color 0D8E01.



This preview shows how white text looks on a background with the Hex color 0D8E01.

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
0D8E01

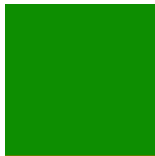
Protanopia
897A00

Deuteranopia
99731F



Tritanopia
3D848F

Trichromacy



Original Color
0D8E01



Protanomaly
5C8100



Deuteranomaly
667D14



Tritanomaly
2C885B

Monochromacy



Original Color
0D8E01



Achromatopsia
575757



Achromatomaly
3C6B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D8E01 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 #0D8E01 looks like.

```
.text, #text, p{  
    color:#0D8E01  
}
```

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 #0D8E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8E01
}
```

Border

The CSS property to change the border of an element to Hex 0D8E01 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
#0D8E01 }
```

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

```
.border{ border-color:#0D8E01 }
```

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

Here you see how a box with a 4 pixel #0D8E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8E01; -webkit-box-shadow:4px 4px  
4px 4px #0D8E01; box-shadow:4px 4px 4px  
4px #0D8E01 }
```

Background

The CSS property to change the background color of an element to Hex 0D8E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8E01 }
```

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

```
.background{ background-color:#0D8E01 }
```

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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