

Converting Colors

Hex(0C891D)

Have a look what the booklet for
Hex(0C891D) contains.

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Color

Hex(0C891D)

Conversions

Conversions Part 1

Format	Color
Hex	0C891D
RGB	12, 137, 29
RGB Percent	5%, 54%, 11%
CMY	0.9529, 0.4627, 0.8863
CMYK	0.91, 0.00, 0.79, 0.46
HSL	128°, 84%, 29%
HSV	128°, 91%, 54%
XYZ	9.3191, 18.0582, 4.1568
YIQ	87.3130, -39.8320, -60.0880

Conversions

Conversions Part 2

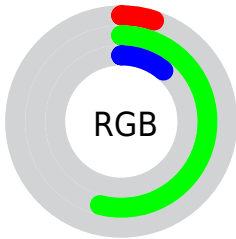
Format	Color
RYB	12, 122, 137
Decimal	821533
CIELab	49.57, -52.06, 45.70
CIELCh	50, 69.272, 138.719
Yxy	18.0582, 0.2955, 0.5727
Android (android.graphics.Color)	4279011613 (0xFF0C891D)
YUV	87.3130, -28.7483, -66.0495
Hunter-Lab	42.4949, -35.2214, 23.9468

Details

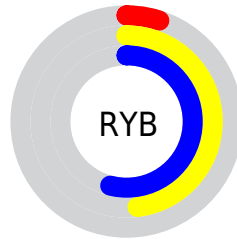
The Hex color **0C891D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **890C78**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **57C052**, and **005500** is the 20% darker color. If you saturate the color by 10%, you get **008913**, and if you desaturate by 10%, it is **1A8929**.

Distribution



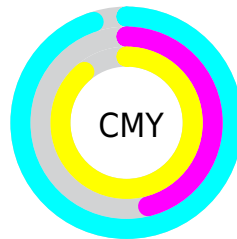
- Red (5%)
- Green (54%)
- Blue (11%)



- Red (5%)
- Yellow (48%)
- Blue (54%)



- Cyan (91%)
- Magenta (0%)
- Yellow (79%)
- Black (46%)



- Cyan (95%)
- Magenta (46%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C891D 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 0C891D by changing the saturation by 10% instead.



0C891D



0C891D

FFFFFF



006F00



57C052



005500



74DC6C



003D00



91F986



002700



AEFFA1



000000



CBFFBD



E9FFD9



FFFFFF6



0C891D



0C891D

■ 008913

■ 1A8929

■ 278935

■ 358941

■ 43894C

■ 518958

■ 5E8964

■ 6C8970

■ 7A897C

■ 878988

Harmonies

Analogous

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



6C7E00



0C891D



008E5D

Triad

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



0C891D



0083EA



DC3254

Complementary

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



0C891D



890C78

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.



D2338F



0C891D



3370E7

Square

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



0C891D



008DCE



A552C4



C8501B

Rectangle

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



0C891D



009086



A552C4



DC2D67

Sweetspot

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



0C891D



82B389



78890C



3D5941



D9D9D9



595959

Same Dimension

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



0C891D



00B318



0C895B



3E453F



008512



000501

Inverse Universe

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



890C78



B3009A



890C3A



453E44



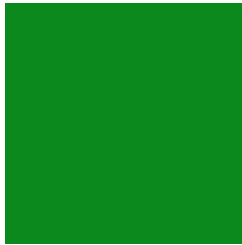
850073



050004

Previews

White Background



This preview shows how the Hex color 0C891D looks on a white background.

Color Contrast Check

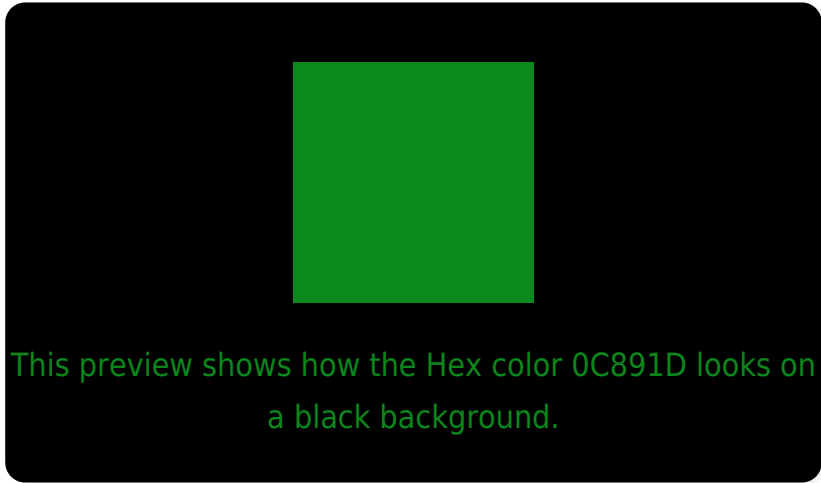
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 0C891D Background



This preview shows how black text looks on a background with the Hex color 0C891D.



This preview shows how white text looks on a background with the Hex color 0C891D.

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
0C891D

Protanopia
847618

Deuteranopia
926F29



Tritanopia
3A808A

Trichromacy



Original Color
0C891D



Protanomaly
587D1A



Deuteranomaly
617825



Tritanomaly
298362

Monochromacy



Original Color
0C891D



Achromatopsia
575757



Achromatomaly
3C6942

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C891D 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 #0C891D looks like.

```
.text, #text, p{  
    color:#0C891D  
}
```

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 #0C891D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C891D
}
```

Border

The CSS property to change the border of an element to Hex 0C891D 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
#0C891D }
```

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

```
.border{ border-color:#0C891D }
```

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

Here you see how a box with a 4 pixel #0C891D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C891D; -webkit-box-shadow:4px 4px  
4px 4px #0C891D; box-shadow:4px 4px 4px  
4px #0C891D }
```

Background

The CSS property to change the background color of an element to Hex 0C891D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C891D }
```

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

```
.background{ background-color:#0C891D }
```

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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