

Converting Colors

Hex(0C940C)

Have a look what the booklet for
Hex(0C940C) contains.

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Color

Hex(0C940C)

Conversions

Conversions Part 1

Format	Color
Hex	0C940C
RGB	12, 148, 12
RGB Percent	5%, 58%, 5%
CMY	0.9529, 0.4196, 0.9529
CMYK	0.92, 0.00, 0.92, 0.42
HSL	120°, 85%, 31%
HSV	120°, 92%, 58%
XYZ	10.8079, 21.2845, 3.8865
YIQ	91.8320, -37.4000, -71.1280

Conversions

Conversions Part 2

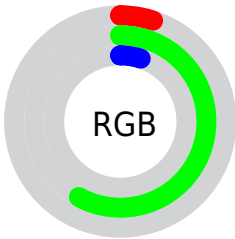
Format	Color
R_{YB}	12, 148, 148
Decimal	824332
CIE _{Lab}	53.26, -56.30, 53.56
CIE _{LCh}	53, 77.706, 136.426
Y _{xy}	21.2845, 0.3004, 0.5916
Android (android.graphics.Color)	4279014412 (0xFF0C940C)
YUV	91.8320, -39.3572, -70.0127
Hunter-Lab	46.1351, -38.9201, 27.2999

Details

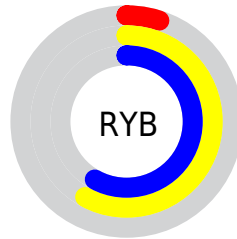
The Hex color **0C940C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **940C94**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5BCB49**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **009400**, and if you desaturate by 10%, it is **1B941B**.

Distribution



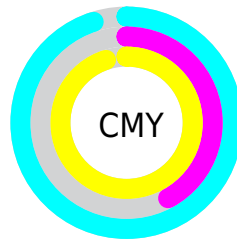
- Red (5%)
- Green (58%)
- Blue (5%)



- Red (5%)
- Yellow (58%)
- Blue (58%)



- Cyan (92%)
- Magenta (0%)
- Yellow (92%)
- Black (42%)



- Cyan (95%)
- Magenta (42%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C940C 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 0C940C by changing the saturation by 10% instead.

 0C940C

 0C940C

FFFFFF

 007900

 5BCB49

 006000

 79E864

 004600

 96FF7F

 003000

 B4FF9A

 001400

 D1FFB6

 000000

 EFFF03

 FFFFF0

 0C940C

 0C940C

■ 009400

■ 1B941B

■ 2A942A

■ 389438

■ 479447

■ 569456

■ 659465

■ 749474

■ 829482

■ 919491

Harmonies

Analogous

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



788700



0C940C



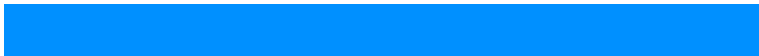
009A5D

Triad

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



0C940C



0090FF



F2295E

Complementary

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



0C940C



940C94

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.



E52FA0



0C940C



007BFF

Square

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



0C940C



009AE0



AE59DD



DE4F1B

Rectangle

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



0C940C



009C8C



AE59DD



F22274

Sweetspot

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



0C940C



8ABF8A



94940C



406140



E0E0E0



616161

Same Dimension

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



0C940C



00BF00



0C9450



434A43



008A00



000A00

Inverse Universe

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



940C94



BF00BF



940C50



4A434A



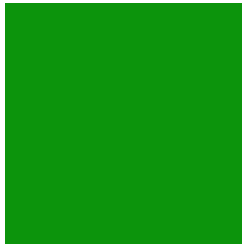
8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 0C940C looks on a white background.

Color Contrast Check

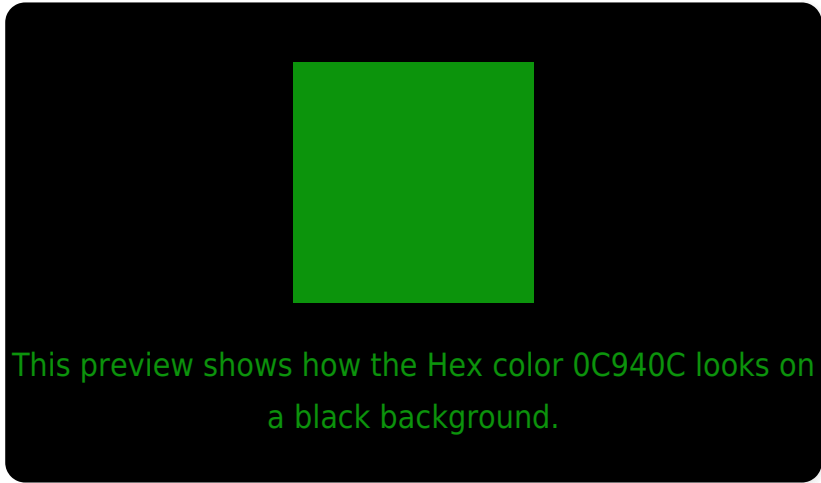
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C940C Background



This preview shows how black text looks on a background with the Hex color 0C940C.



This preview shows how white text looks on a background with the Hex color 0C940C.

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
0C940C

Protanopia
8F7F00

Deuteranopia
9F7822



Tritanopia
3F8A95

Trichromacy



Original Color
0C940C



Protanomaly
5F8704



Deuteranomaly
6A821A



Tritanomaly
2C8E63

Monochromacy



Original Color
0C940C



Achromatopsia
5C5C5C



Achromatomaly
3F703F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C940C 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 #0C940C looks like.

```
.text, #text, p{  
    color:#0C940C  
}
```

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 #0C940C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C940C
}
```

Border

The CSS property to change the border of an element to Hex 0C940C 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
#0C940C }
```

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

```
.border{ border-color:#0C940C }
```

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

Here you see how a box with a 4 pixel #0C940C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C940C; -webkit-box-shadow:4px 4px  
4px 4px #0C940C; box-shadow:4px 4px 4px  
4px #0C940C }
```

Background

The CSS property to change the background color of an element to Hex 0C940C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C940C }
```

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

```
.background{ background-color:#0C940C }
```

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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