

Converting Colors

Hex(0F940F)

Have a look what the booklet for
Hex(0F940F) contains.

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Color

Hex(0F940F)

Conversions

Conversions Part 1

Format	Color
Hex	0F940F
RGB	15, 148, 15
RGB Percent	6%, 58%, 6%
CMY	0.9412, 0.4196, 0.9412
CMYK	0.90, 0.00, 0.90, 0.42
HSL	120°, 82%, 32%
HSV	120°, 90%, 58%
XYZ	10.8731, 21.3159, 3.9932
YIQ	93.0710, -36.5750, -69.5590

Conversions

Conversions Part 2

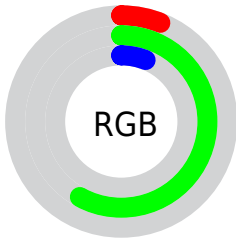
Format	Color
R_{YB}	15, 148, 148
Decimal	1020943
CIE Lab	53.29, -55.96, 53.02
CIE LCh	53, 77.088, 136.542
Yxy	21.3159, 0.3005, 0.5891
Android (android.graphics.Color)	4279211023 (0xFF0F940F)
YUV	93.0710, -38.4890, -68.4683
Hunter-Lab	46.1691, -38.7580, 27.1903

Details

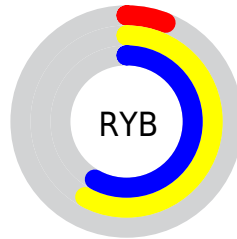
The Hex color **0F940F** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **940F94**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5CCB4B**, 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 **1E941E**.

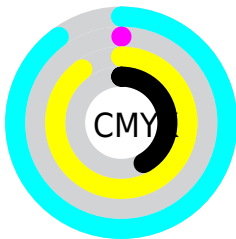
Distribution



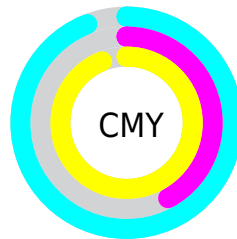
- Red (6%)
- Green (58%)
- Blue (6%)



- Red (6%)
- Yellow (58%)
- Blue (58%)



- Cyan (90%)
- Magenta (0%)
- Yellow (90%)
- Black (42%)



- Cyan (94%)
- Magenta (42%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F940F 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 0F940F by changing the saturation by 10% instead.



0F940F



0F940F

FFFFFF



007900



5CCB4B



006000



79E865



004700



97FF80



003000



B4FF9C



001400



D2FFB7



000000



F0FFD4



FFFFFF1



0F940F



0F940F

■ 009400

■ 1E941E

■ 2D942D

■ 3B943B

■ 4A944A

■ 599459

■ 689468

■ 779477

■ 859485

■ 949494

Harmonies

Analogous

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



788800



0F940F



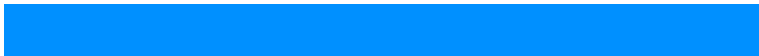
009A5E

Triad

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



0F940F



0090FF



F22B5E

Complementary

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



0F940F



940F94

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.



E531A0



0F940F



007BFF

Square

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



0F940F



009ADF



AE59DC



DE501C

Rectangle

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



0F940F



009C8D



AE59DC



F12574

Sweetspot

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



0F940F



8CBF8C



94940F



426142



E0E0E0



616161

Same Dimension

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



0F940F



00BF00



0F9452



434A43



008A00



000A00

Inverse Universe

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



940F94



BF00BF



940F52



4A434A



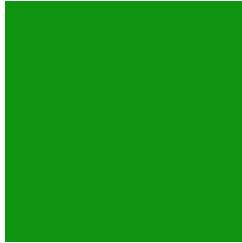
8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 0F940F looks on a white background.

Color Contrast Check

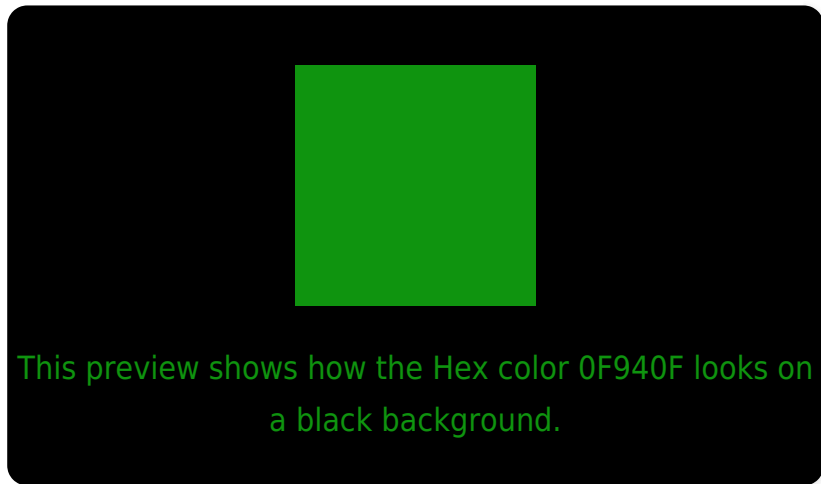
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F940F Background



This preview shows how black text looks on a background with the Hex color 0F940F.



This preview shows how white text looks on a background with the Hex color 0F940F.

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
0F940F

Protanopia
8F7F02

Deuteranopia
9F7823



Tritanopia
3F8A95

Trichromacy



Original Color
0F940F



Protanomaly
608707



Deuteranomaly
6B821C



Tritanomaly
2E8E64

Monochromacy



Original Color
0F940F



Achromatopsia
5D5D5D



Achromatomaly
417141

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F940F 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 #0F940F looks like.

```
.text, #text, p{  
    color:#0F940F  
}
```

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 #0F940F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F940F
}
```

Border

The CSS property to change the border of an element to Hex 0F940F 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".

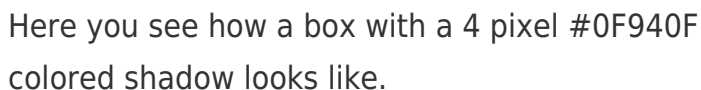
```
.border, #border, table{ border:4px solid
#0F940F }
```

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

```
.border{ border-color:#0F940F }
```

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

Here you see how a box with a 4 pixel #0F940F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F940F; -webkit-box-shadow:4px 4px  
4px 4px #0F940F; box-shadow:4px 4px 4px  
4px #0F940F }
```

Background

The CSS property to change the background color of an element to Hex 0F940F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F940F }
```

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

```
.background{ background-color:#0F940F }
```

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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