

Converting Colors

Hex(02970A)

Have a look what the booklet for
Hex(02970A) contains.

Hex(02970A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(02970A)

Conversions

Conversions Part 1

Format	Color
Hex	02970A
RGB	2, 151, 10
RGB Percent	1%, 59%, 4%
CMY	0.9922, 0.4078, 0.9608
CMYK	0.99, 0.00, 0.93, 0.41
HSL	123°, 97%, 30%
HSV	123°, 99%, 59%
XYZ	11.1464, 22.1680, 3.9785
YIQ	90.3750, -43.5430, -75.4390

Conversions

Conversions Part 2

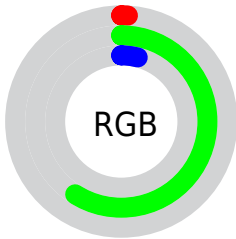
Format	Color
RYB	2, 143, 151
Decimal	169738
CIELab	54.20, -57.87, 54.68
CIELCh	54, 79.613, 136.625
Yxy	22.1680, 0.2989, 0.5944
Android (android.graphics.Color)	4278359818 (0xFF02970A)
YUV	90.3750, -39.6249, -77.5049
Hunter-Lab	47.0829, -40.1370, 27.9480

Details

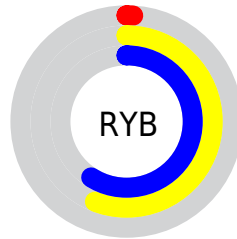
The Hex color **02970A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **97028F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59CF49**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **009708**, and if you desaturate by 10%, it is **119718**.

Distribution



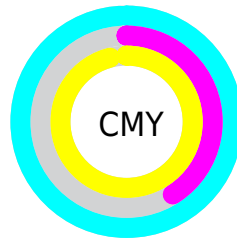
- Red (1%)
- Green (59%)
- Blue (4%)



- Red (1%)
- Yellow (56%)
- Blue (59%)



- Cyan (99%)
- Magenta (0%)
- Yellow (93%)
- Black (41%)




- Cyan (99%)
- Magenta (41%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02970A 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 02970A by changing the saturation by 10% instead.

 02970A

 02970A

FFFFFF

 007C00

 59CF49

 006200

 78EB64

 004900

 95FF7F

 003200

 B3FF9A

 001700

 D1FFB6

 000000

 EFFF03

 FFFFF0

 02970A

 02970A

■ 009708

■ 119718

■ 209727

■ 2F9735

■ 3E9743

■ 4D9751

■ 5D9760

■ 6C976E

■ 7B977C

■ 8A978B

Harmonies

Analogous

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



7A8A00



02970A



009D5F

Triad

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



02970A



0093FF



F8275F

Complementary

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



02970A



97028F

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.



EB2DA3



02970A



007DFF

Square

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



02970A



009DE5



B25AE1



E3511A

Rectangle

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



02970A



009F90



B25AE1



F81F76

Sweetspot

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



02970A



89C48D



909702



406342



E3E3E3



636363

Same Dimension

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



02970A



00C40B



029754



454D45



008C08



000D01

Inverse Universe

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



97028F



C400BA



970245



4D454C



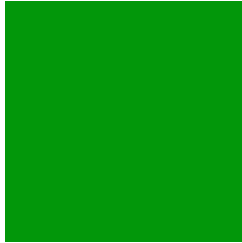
8C0085



0D000C

Previews

White Background



This preview shows how the Hex color 02970A looks on a white background.

Color Contrast Check

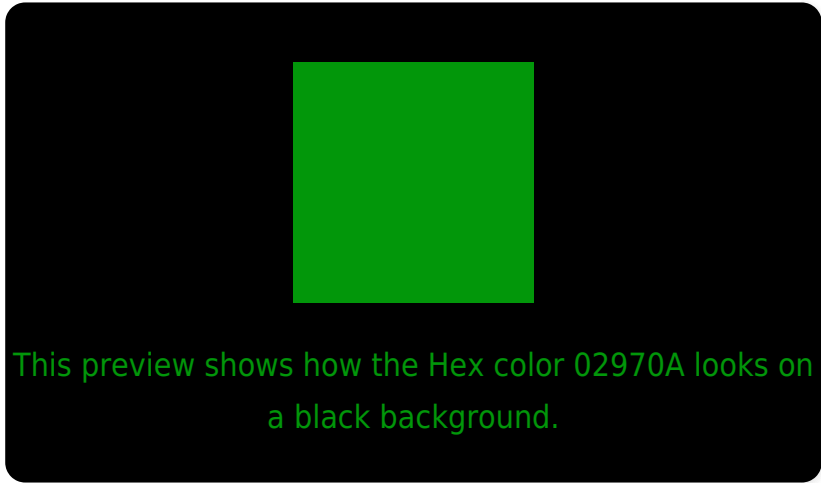
Large Text (above 18pt) WCAG AA ✓ Pass

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 02970A Background



This preview shows how black text looks on a background with the Hex color 02970A.



This preview shows how white text looks on a background with the Hex color 02970A.

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
02970A

Protanopia
928100

Deuteranopia
A27A22



Tritanopia
3F8C98

Trichromacy



Original Color
02970A



Protanomaly
5E8904



Deuteranomaly
688519



Tritanomaly
299064

Monochromacy



Original Color
02970A



Achromatopsia
5A5A5A



Achromatomaly
3A703D

CSS Examples

Text

The CSS property to change the color of the text to Hex 02970A 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 #02970A looks like.

```
.text, #text, p{  
    color:#02970A  
}
```

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 #02970A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02970A
}
```

Border

The CSS property to change the border of an element to Hex 02970A 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
#02970A }
```

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

```
.border{ border-color:#02970A }
```

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

Here you see how a box with a 4 pixel #02970A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02970A; -webkit-box-shadow:4px 4px  
4px 4px #02970A; box-shadow:4px 4px 4px  
4px #02970A }
```

Background

The CSS property to change the background color of an element to Hex 02970A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02970A }
```

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

```
.background{ background-color:#02970A }
```

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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