

Converting Colors

Hex(009403)

Have a look what the booklet for
Hex(009403) contains.

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Color

Hex(009403)

Conversions

Conversions Part 1

Format	Color
Hex	009403
RGB	0, 148, 3
RGB Percent	0%, 58%, 1%
CMY	1.0000, 0.4196, 0.9882
CMYK	1.00, 0.00, 0.98, 0.42
HSL	121°, 100%, 29%
HSV	121°, 100%, 58%
XYZ	10.6063, 21.1864, 3.6165
YIQ	87.2180, -41.6630, -76.4710

Conversions

Conversions Part 2

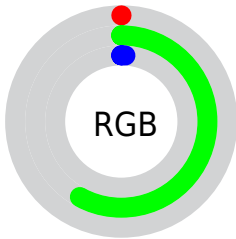
Format	Color
RYB	0, 145, 148
Decimal	37891
CIELab	53.15, -57.35, 54.94
CIELCh	53, 79.421, 136.231
Yxy	21.1864, 0.2995, 0.5983
Android (android.graphics.Color)	4278227971 (0xFF009403)
YUV	87.2180, -41.5195, -76.4902
Hunter-Lab	46.0287, -39.4186, 27.5616

Details

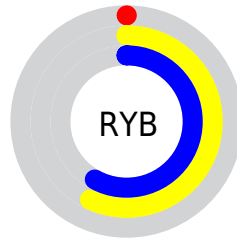
The Hex color **009403** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **940091**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **58CB46**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **009403**, and if you desaturate by 10%, it is **0F9411**.

Distribution



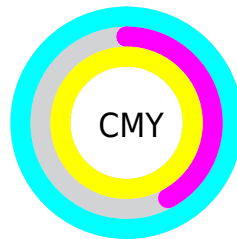
- Red (0%)
- Green (58%)
- Blue (1%)



- Red (0%)
- Yellow (57%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009403 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 009403 by changing the saturation by 10% instead.

 009403

 009403

FFFFFF

 007900

 58CB46

 005F00

 76E861

 004600

 94FF7C

 003000

 B2FF97

 001300

 CFFFB3

 000000

 EDFFCF

 FFFFEC

 009403

 0F9411

 1E9420

 2C942F

 3B943D

 4A944C

 59945A

 689469

 769477

 859486

Harmonies

Analogous

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



788700



009403



009A5C

Triad

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



009403



0090FF



F4225D

Complementary

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



009403



940091

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.



E72AA1



009403



007BFF

Square

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



009403



009AE1



AE58DF



E04D19

Rectangle

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



009403



009C8C



AE58DF



F41A74

Sweetspot

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



009403



86BF87



929400



3E613F



E0E0E0



616161

Same Dimension

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



009403



00BF04



00944C



434A43



008A03



000A00

Inverse Universe

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



940091



BF00BB



940048



4A434A



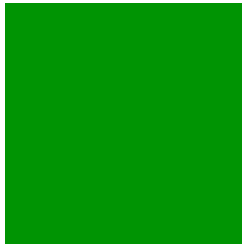
8A0087



0A000A

Previews

White Background



This preview shows how the Hex color 009403 looks on a white background.

Color Contrast Check

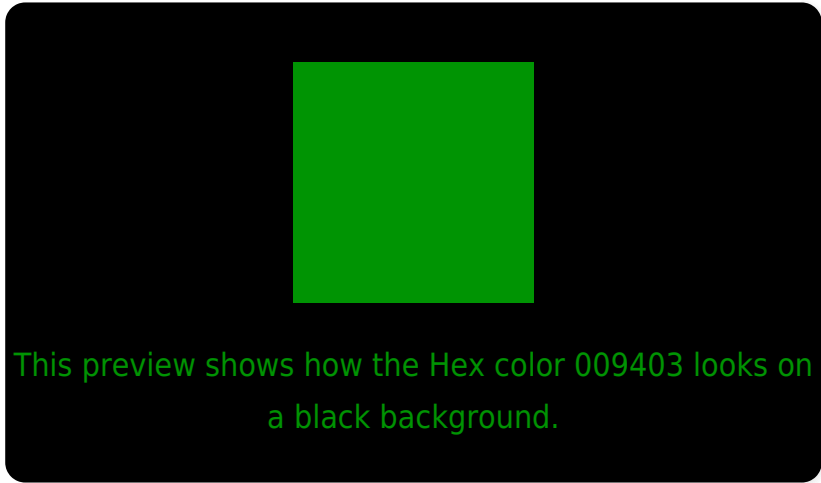
Large Text (above 18pt) WCAG AA ✓ Pass

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 009403 Background



This preview shows how black text looks on a background with the Hex color 009403.



This preview shows how white text looks on a background with the Hex color 009403.

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
009403

Protanopia
8F7F00

Deuteranopia
9F7820



Tritanopia
3E8A95

Trichromacy



Original Color
009403



Protanomaly
5B8701



Deuteranomaly
658215



Tritanomaly
278E60

Monochromacy



Original Color
009403



Achromatopsia
575757



Achromatomaly
376D38

CSS Examples

Text

The CSS property to change the color of the text to Hex 009403 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 #009403 looks like.

```
.text, #text, p{  
    color:#009403  
}
```

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 #009403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009403
}
```

Border

The CSS property to change the border of an element to Hex 009403 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".

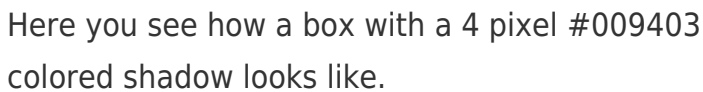
```
.border, #border, table{ border:4px solid
#009403 }
```

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

```
.border{ border-color:#009403 }
```

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

Here you see how a box with a 4 pixel #009403 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009403; -webkit-box-shadow:4px 4px  
4px 4px #009403; box-shadow:4px 4px 4px  
4px #009403 }
```

Background

The CSS property to change the background color of an element to Hex 009403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009403 }
```

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

```
.background{ background-color:#009403 }
```

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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