

Converting Colors

Hex(009812)

Have a look what the booklet for
Hex(009812) contains.

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Color

Hex(009812)

Conversions

Conversions Part 1

Format	Color
Hex	009812
RGB	0, 152, 18
RGB Percent	0%, 60%, 7%
CMY	1.0000, 0.4039, 0.9294
CMYK	1.00, 0.00, 0.88, 0.40
HSL	127°, 100%, 30%
HSV	127°, 100%, 60%
XYZ	11.3374, 22.5001, 4.3177
YIQ	91.2760, -47.5780, -73.8980

Conversions

Conversions Part 2

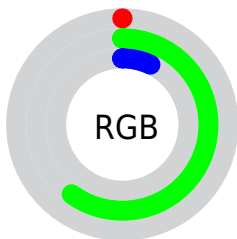
Format	Color
RYB	0, 136, 152
Decimal	38930
CIELab	54.55, -57.98, 53.44
CIElCh	55, 78.855, 137.333
Yxy	22.5001, 0.2971, 0.5897
Android (android.graphics.Color)	4278229010 (0xFF009812)
YUV	91.2760, -36.1251, -80.0491
Hunter-Lab	47.4343, -40.3462, 27.8072

Details

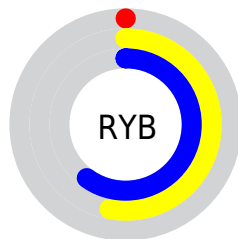
The Hex color **009812** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **980086**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **59D04D**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **009812**, and if you desaturate by 10%, it is **0F981F**.

Distribution



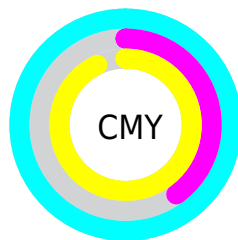
- Red (0%)
- Green (60%)
- Blue (7%)



- Red (0%)
- Yellow (53%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (40%)




- Cyan (100%)
- Magenta (40%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009812 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 009812 by changing the saturation by 10% instead.

 009812

 009812

FFFFFF

 007D00

 59D04D

 006300

 77EC68

 004A00

 95FF83

 003300

 B3FF9E

 001900

 D0FFBA

 000000

 EFFF7

 FFFFF4

 009812

 0F981F

 1E982D

 2E983A

 3D9848

 4C9855

 5B9862

 6A9870

 7A987D

 89988B

Harmonies

Analogous

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



798B00



009812



009E62

Triad

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



009812



0093FF



F82C5F

Complementary

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



009812



980086

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.



EC30A2



009812



087DFF

Square

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



009812



009DE6



B55AE0



E2531A

Rectangle

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



009812



00A092



B55AE0



F82575

Sweetspot

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



009812



89C490



869800



406344



E3E3E3



636363

Same Dimension

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



009812



00C417



00985E



454D46



008C11



000D02

Inverse Universe

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



980086



C400AD



98003A



4D454C



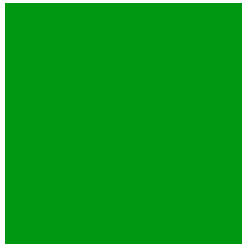
8C007C



0D000B

Previews

White Background



This preview shows how the Hex color 009812 looks on a white background.

Color Contrast Check

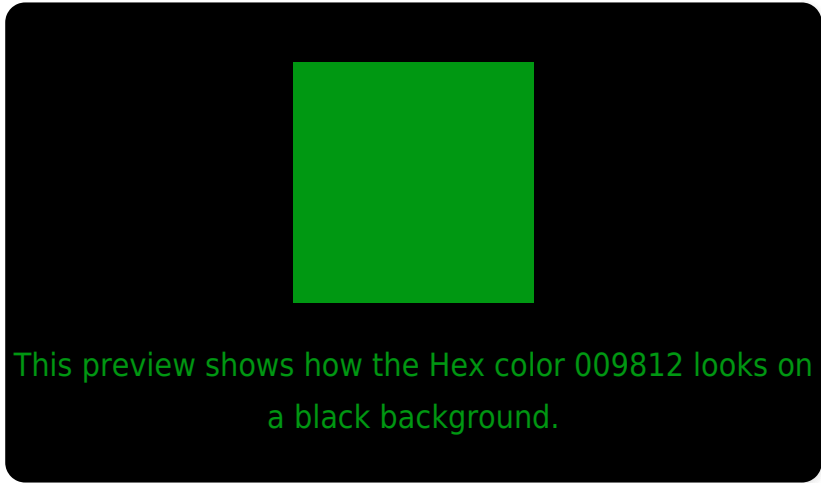
Large Text (above 18pt) WCAG AA ✓ Pass

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

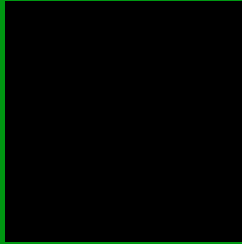
Any Text WCAG AA ✓ Pass

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 009812 Background



This preview shows how black text looks on a background with the Hex color 009812.



This preview shows how white text looks on a background with the Hex color 009812.

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





Tritanopia
408D99

Trichromacy



Original Color
009812



Protanomaly
5D8A0C



Deuteranomaly
68861E



Tritanomaly
299168

Monochromacy



Original Color
009812



Achromatopsia
5B5B5B



Achromatomaly
3A7140

CSS Examples

Text

The CSS property to change the color of the text to Hex 009812 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 #009812 looks like.

```
.text, #text, p{  
    color:#009812  
}
```

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 #009812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009812
}
```

Border

The CSS property to change the border of an element to Hex 009812 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
#009812 }
```

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

```
.border{ border-color:#009812 }
```

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

Here you see how a box with a 4 pixel #009812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009812; -webkit-box-shadow:4px 4px  
4px 4px #009812; box-shadow:4px 4px 4px  
4px #009812 }
```

Background

The CSS property to change the background color of an element to Hex 009812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009812 }
```

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

```
.background{ background-color:#009812 }
```

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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