

Converting Colors

Hex(009809)

Have a look what the booklet for
Hex(009809) contains.

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Color

Hex(009809)

Conversions

Conversions Part 1

Format	Color
Hex	009809
RGB	0, 152, 9
RGB Percent	0%, 60%, 4%
CMY	1.0000, 0.4039, 0.9647
CMYK	1.00, 0.00, 0.94, 0.40
HSL	124°, 100%, 30%
HSV	124°, 100%, 60%
XYZ	11.2775, 22.4762, 4.0024
YIQ	90.2500, -44.6890, -76.6970

Conversions

Conversions Part 2

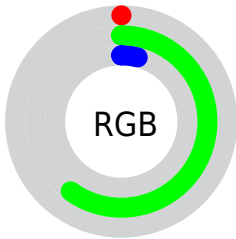
Format	Color
RYB	0, 144, 152
Decimal	38921
CIELab	54.53, -58.31, 55.10
CIELCh	55, 80.225, 136.620
Yxy	22.4762, 0.2987, 0.5953
Android (android.graphics.Color)	4278229001 (0xFF009809)
YUV	90.2500, -40.0562, -79.1492
Hunter-Lab	47.4091, -40.5048, 28.1809

Details

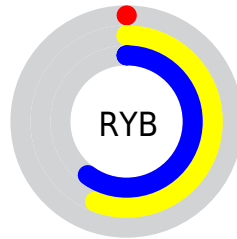
The Hex color **009809** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **98008F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59D049**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **009809**, and if you desaturate by 10%, it is **0F9817**.

Distribution



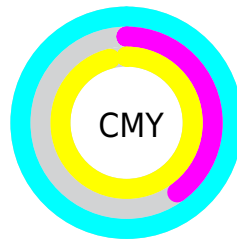
- Red (0%)
- Green (60%)
- Blue (4%)



- Red (0%)
- Yellow (56%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (94%)
- Black (40%)




- Cyan (100%)
- Magenta (40%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009809 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 009809 by changing the saturation by 10% instead.

 009809

 009809

FFFFFF

 007D00

 59D049

 006300

 78EC64

 004A00

 95FF7F

 003300

 B3FF9A

 001800

 D1FFB6

 000000

 EFFF00

 FFFFF0

 009809

 0F9817

 1E9826

 2E9834

 3D9842

 4C9851

 5B985F

 6A986D

 7A987B

 89988A

Harmonies

Analogous

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



7A8B00



009809



009E60

Triad

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



009809



0094FF



F9275F

Complementary

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



009809



98008F

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.



EC2DA5



009809



007EFF

Square

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



009809



009EE7



B35AE3



E4511A

Rectangle

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



009809



00A091



B35AE3



F91F76

Sweetspot

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



009809



89C48D



909800



406342



E3E3E3



636363

Same Dimension

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



009809



00C40C



009854



454D45



008C08



000D01

Inverse Universe

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



98008F



C400B9



980044



4D454C



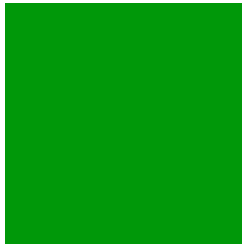
8C0084



0D000C

Previews

White Background



This preview shows how the Hex color 009809 looks on a white background.

Color Contrast Check

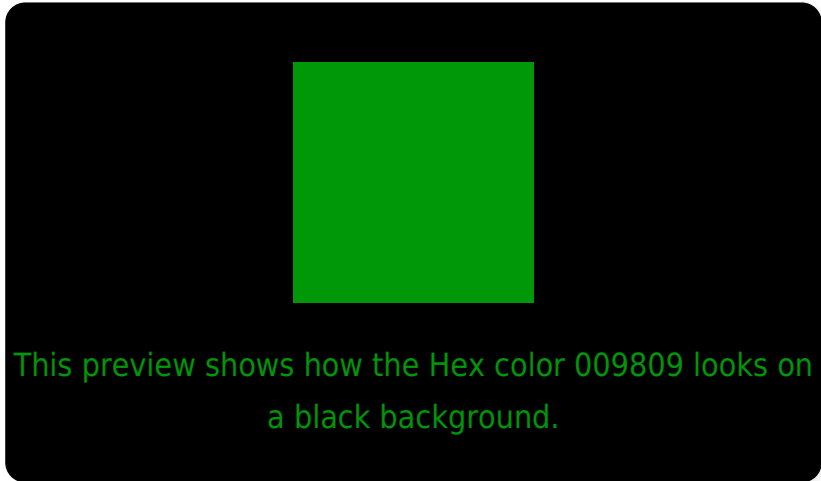
Large Text (above 18pt) WCAG AA ✓ Pass

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 009809 Background



This preview shows how black text looks on a background with the Hex color 009809.



This preview shows how white text looks on a background with the Hex color 009809.

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
009809

Protanopia
928200

Deuteranopia
A37B22



Tritanopia
408D99

Trichromacy



Original Color
009809



Protanomaly
5D8A03



Deuteranomaly
688619



Tritanomaly
299165

Monochromacy



Original Color
009809



Achromatopsia
5A5A5A



Achromatomaly
39713D

CSS Examples

Text

The CSS property to change the color of the text to Hex 009809 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 #009809 looks like.

```
.text, #text, p{  
    color:#009809  
}
```

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 #009809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009809
}
```

Border

The CSS property to change the border of an element to Hex 009809 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".

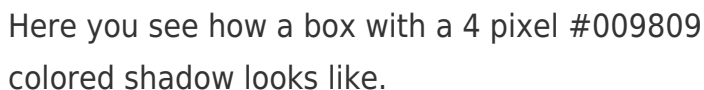
```
.border, #border, table{ border:4px solid
#009809 }
```

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

```
.border{ border-color:#009809 }
```

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

Here you see how a box with a 4 pixel #009809 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009809; -webkit-box-shadow:4px 4px  
4px 4px #009809; box-shadow:4px 4px 4px  
4px #009809 }
```

Background

The CSS property to change the background color of an element to Hex 009809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009809 }
```

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

```
.background{ background-color:#009809 }
```

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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