

Converting Colors

Hex(009914)

Have a look what the booklet for
Hex(009914) contains.

Hex(009914)	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(009914)

Conversions

Conversions Part 1

Format	Color
Hex	009914
RGB	0, 153, 20
RGB Percent	0%, 60%, 8%
CMY	1.0000, 0.4000, 0.9216
CMYK	1.00, 0.00, 0.87, 0.40
HSL	128°, 100%, 30%
HSV	128°, 100%, 60%
XYZ	11.5175, 22.8330, 4.4620
YIQ	92.0910, -48.4950, -73.7990

Conversions

Conversions Part 2

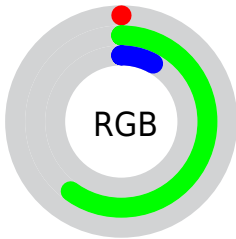
Format	Color
RYB	0, 135, 153
Decimal	39188
CIELab	54.90, -58.18, 53.29
CIELCh	55, 78.894, 137.512
Yxy	22.8330, 0.2967, 0.5883
Android (android.graphics.Color)	4278229268 (0xFF009914)
YUV	92.0910, -35.5409, -80.7638
Hunter-Lab	47.7839, -40.5973, 27.9123

Details

The Hex color **009914** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **990085**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **59D14E**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **009914**, and if you desaturate by 10%, it is **0F9921**.

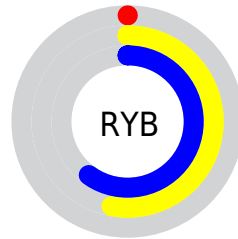
Distribution



Red (0%)

Green (60%)

Blue (8%)



Red (0%)

Yellow (53%)

Blue (60%)

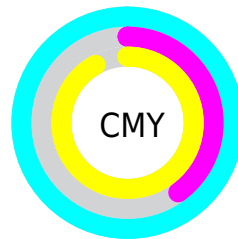


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (40%)



Cyan (100%)


Magenta (40%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009914 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 009914 by changing the saturation by 10% instead.

 009914

 009914

FFFFFF

 007E00

 59D14E

 006400

 78ED69

 004B00

 95FF84

 003400

 B3FF9F

 001A00

 D1FFBB

 000000

 EFFF88

 FFFFF5

 009914

 0F9921

 1F992F

 2E993C

 3D9949

 4D9956

 5C9964

 6B9971

 7A997E

 8A998C

Harmonies

Analogous

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



7A8C00



009914



009F63

Triad

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



009914



0094FF



F92D5F

Complementary

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



009914



990085

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.



ED31A3



009914



137EFF

Square

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



009914



009EE8



B65BE1



E3541B

Rectangle

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



009914



00A193



B65BE1



F92675

Sweetspot

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



009914



8BC793



879900



406344



E3E3E3



636363

Same Dimension

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



009914



00C71A



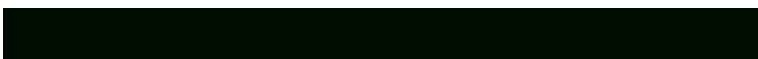
00995E



454D46



008C12



000D02

Inverse Universe

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



990085



C700AD



99003B



4D454B



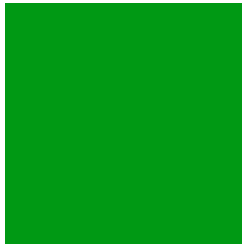
8C007A



0D000B

Previews

White Background



This preview shows how the Hex color 009914 looks on a white background.

Color Contrast Check

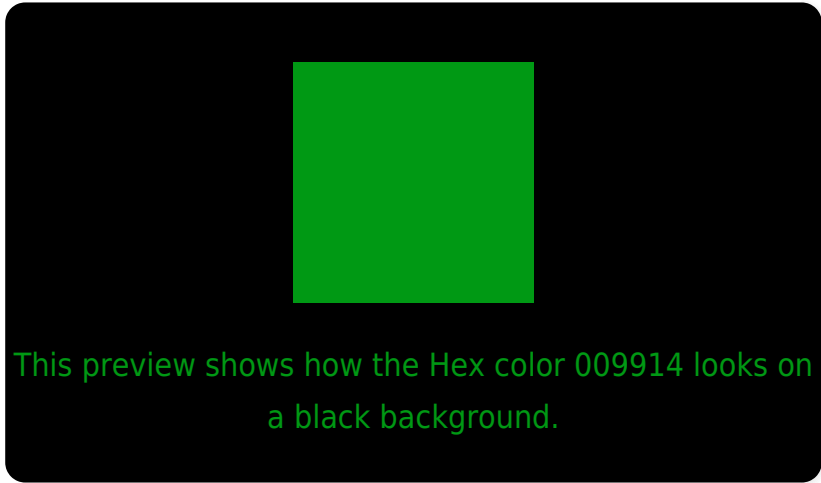
Large Text (above 18pt) WCAG AA ✓ Pass

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 009914 Background



This preview shows how black text looks on a background with the Hex color 009914.



This preview shows how white text looks on a background with the Hex color 009914.

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
408E9A

Trichromacy



Original Color

009914



Protanomaly

5E8B0F



Deuteranomaly

68871F



Tritanomaly

299269

Monochromacy



Original Color

009914



Achromatopsia

5C5C5C



Achromatomaly

3B7242

CSS Examples

Text

The CSS property to change the color of the text to Hex 009914 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 #009914 looks like.

```
.text, #text, p{  
    color:#009914  
}
```

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 #009914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009914
}
```

Border

The CSS property to change the border of an element to Hex 009914 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".

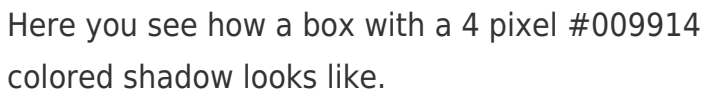
```
.border, #border, table{ border:4px solid
#009914 }
```

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

```
.border{ border-color:#009914 }
```

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

Here you see how a box with a 4 pixel #009914 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009914; -webkit-box-shadow:4px 4px  
4px 4px #009914; box-shadow:4px 4px 4px  
4px #009914 }
```

Background

The CSS property to change the background color of an element to Hex 009914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009914 }
```

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

```
.background{ background-color:#009914 }
```

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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