

Converting Colors

Hex(009117)

Have a look what the booklet for
Hex(009117) contains.

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Color

Hex(009117)

Conversions

Conversions Part 1

Format	Color
Hex	009117
RGB	0, 145, 23
RGB Percent	0%, 57%, 9%
CMY	1.0000, 0.4314, 0.9098
CMYK	1.00, 0.00, 0.84, 0.43
HSL	130°, 100%, 28%
HSV	130°, 100%, 57%
XYZ	10.2801, 20.3127, 4.1895
YIQ	87.7370, -47.2580, -68.6820

Conversions

Conversions Part 2

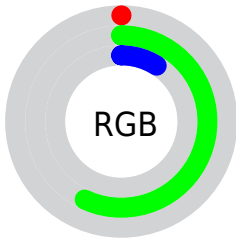
Format	Color
RYB	0, 125, 145
Decimal	37143
CIELab	52.19, -55.69, 50.05
CIELCh	52, 74.875, 138.056
Yxy	20.3127, 0.2956, 0.5840
Android (android.graphics.Color)	4278227223 (0xFF009117)
YUV	87.7370, -31.9153, -76.9453
Hunter-Lab	45.0696, -38.1571, 26.0373

Details

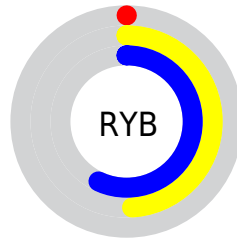
The Hex color **009117** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **91007A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **56C84F**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **009117**, and if you desaturate by 10%, it is **0E9123**.

Distribution



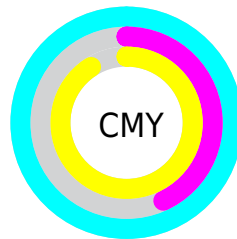
- Red (0%)
- Green (57%)
- Blue (9%)



- Red (0%)
- Yellow (49%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009117 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 009117 by changing the saturation by 10% instead.

 009117

 009117

FFFFFF

 007600

 56C84F

 005D00

 74E569

 004400

 92FF84

 002E00

 AFFF9F

 000E00

 CDFFBB

 000000

 EBFFD7

 FFFFF4

 009117

 0E9123

 1D912F

 2C913C

 3A9148

 499154

 579160

 66916C

 749179

 839185

Harmonies

Analogous

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



728500



009117



009760

Triad

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



009117



008CFB



EB2E59

Complementary

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



009117



91007A

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.



E03099



009117



2477F8

Square

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



009117



0096DC



AE56D3



D65119

Rectangle

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



009117



00988D



AE56D3



EB276E

Sweetspot

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



009117



84BD8D



7B9100



3C5E42



DEDEDE



5E5E5E

Same Dimension

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



009117



00BD1E



00915E



404741



008715



000801

Inverse Universe

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



91007A



BD009F



910033



474046



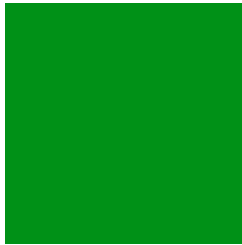
870072



080006

Previews

White Background



This preview shows how the Hex color 009117 looks on a white background.

Color Contrast Check

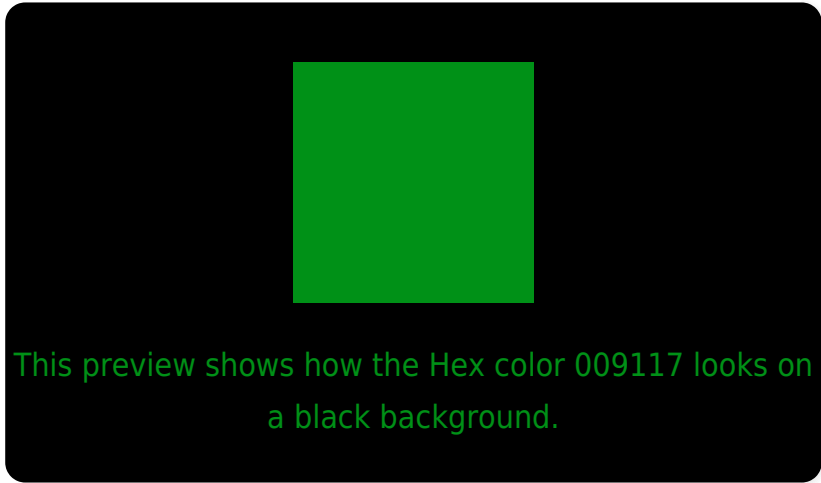
Large Text (above 18pt) WCAG AA ✓ Pass

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 009117 Background



This preview shows how black text looks on a background with the Hex color 009117.



This preview shows how white text looks on a background with the Hex color 009117.

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
009117

Protanopia
8C7C11

Deuteranopia
9B7626



Tritanopia
3C8792

Trichromacy



Original Color

009117



Protanomaly

598413



Deuteranomaly

638021



Tritanomaly

268B65

Monochromacy



Original Color

009117



Achromatopsia

585858



Achromatomaly

386D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 009117 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 #009117 looks like.

```
.text, #text, p{  
    color:#009117  
}
```

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 #009117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009117
}
```

Border

The CSS property to change the border of an element to Hex 009117 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
#009117 }
```

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

```
.border{ border-color:#009117 }
```

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

Here you see how a box with a 4 pixel #009117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009117; -webkit-box-shadow:4px 4px  
4px 4px #009117; box-shadow:4px 4px 4px  
4px #009117 }
```

Background

The CSS property to change the background color of an element to Hex 009117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009117 }
```

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

```
.background{ background-color:#009117 }
```

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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