

Converting Colors

Hex(009618)

Have a look what the booklet for
Hex(009618) contains.

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Color

Hex(009618)

Conversions

Conversions Part 1

Format	Color
Hex	009618
RGB	0, 150, 24
RGB Percent	0%, 59%, 9%
CMY	1.0000, 0.4118, 0.9059
CMYK	1.00, 0.00, 0.84, 0.41
HSL	130°, 100%, 29%
HSV	130°, 100%, 59%
XYZ	11.0712, 21.8786, 4.5036
YIQ	90.7860, -48.9540, -70.9860

Conversions

Conversions Part 2

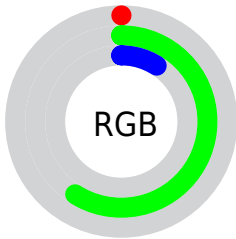
Format	Color
RYB	0, 129, 150
Decimal	38424
CIELab	53.90, -57.10, 51.35
CIELCh	54, 76.790, 138.035
Yxy	21.8786, 0.2956, 0.5842
Android (android.graphics.Color)	4278228504 (0xFF009618)
YUV	90.7860, -32.9255, -79.6193
Hunter-Lab	46.7746, -39.6059, 27.0336

Details

The Hex color **009618** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **96007E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **58CD50**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **009618**, and if you desaturate by 10%, it is **0F9625**.

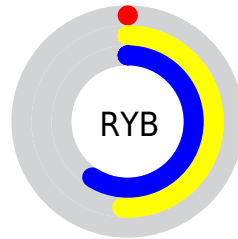
Distribution



Red (0%)

Green (59%)

Blue (9%)



Red (0%)

Yellow (51%)

Blue (59%)

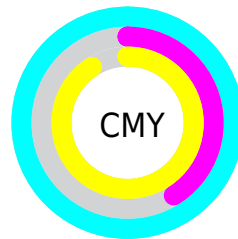


Cyan (100%)

Magenta (0%)

Yellow (84%)

Black (41%)



Cyan (100%)

Magenta (41%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009618 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 009618 by changing the saturation by 10% instead.

 009618

 009618

FFFFFF

 007B00

 58CD50

 006100

 76EA6B

 004800

 94FF85

 003200

 B1FFA1

 001600

 CFFFBD

 000000

 EDFFD9

 FFFFF6

 009618

 0F9625

 1E9631

 2D963E

 3C964A

 4B9657

 5A9664

 699670

 78967D

 879689

Harmonies

Analogous

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



778A00



009618



009C63

Triad

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



009618



0091FF



F3305C

Complementary

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



009618



96007E

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.



E8329E



009618



257BFF

Square

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



009618



009BE3



B359DB



DE541A

Rectangle

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



009618



009D92



B359DB



F32972

Sweetspot

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



009618



88C291



7F9600



3E6144



E0E0E0



616161

Same Dimension

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



009618



00C21F



009662



434A44



008A16



000A02

Inverse Universe

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



96007E



C200A3



960034



4A4349



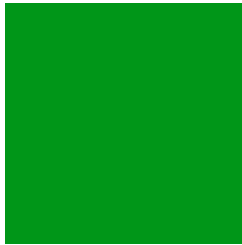
8A0074



0A0009

Previews

White Background



This preview shows how the Hex color 009618 looks on a white background.

Color Contrast Check

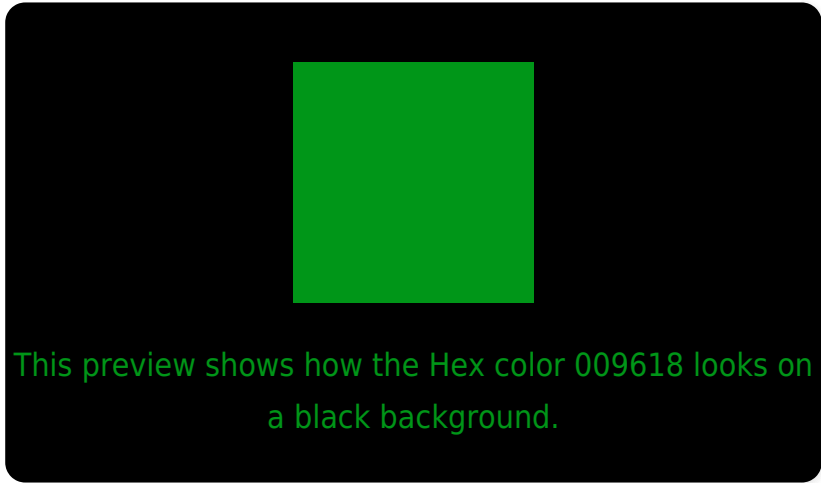
Large Text (above 18pt) WCAG AA ✓ Pass

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 009618 Background



This preview shows how black text looks on a background with the Hex color 009618.



This preview shows how white text looks on a background with the Hex color 009618.

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
009618

Protanopia
908112

Deuteranopia
A17A28



Tritanopia
3F8C97

Trichromacy



Original Color
009618



Protanomaly
5C8914



Deuteranomaly
668422



Tritanomaly
289069

Monochromacy



Original Color
009618



Achromatopsia
5B5B5B



Achromatomaly
3A7043

CSS Examples

Text

The CSS property to change the color of the text to Hex 009618 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 #009618 looks like.

```
.text, #text, p{  
    color:#009618  
}
```

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 #009618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009618
}
```

Border

The CSS property to change the border of an element to Hex 009618 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
#009618 }
```

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

```
.border{ border-color:#009618 }
```

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

Here you see how a box with a 4 pixel #009618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009618; -webkit-box-shadow:4px 4px  
4px 4px #009618; box-shadow:4px 4px 4px  
4px #009618 }
```

Background

The CSS property to change the background color of an element to Hex 009618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009618 }
```

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

```
.background{ background-color:#009618 }
```

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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