

Converting Colors

Hex(009E18)

Have a look what the booklet for
Hex(009E18) contains.

Hex(009E18)	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(009E18)

Conversions

Conversions Part 1

Format	Color
Hex	009E18
RGB	0, 158, 24
RGB Percent	0%, 62%, 9%
CMY	1.0000, 0.3804, 0.9059
CMYK	1.00, 0.00, 0.85, 0.38
HSL	129°, 100%, 31%
HSV	129°, 100%, 62%
XYZ	12.3917, 24.5197, 4.9438
YIQ	95.4820, -51.1540, -75.1700

Conversions

Conversions Part 2

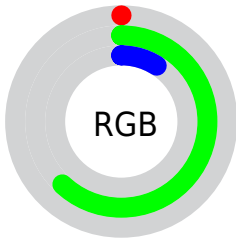
Format	Color
RYB	0, 137, 158
Decimal	40472
CIELab	56.60, -59.42, 53.83
CIELCh	57, 80.175, 137.825
Yxy	24.5197, 0.2961, 0.5858
Android (android.graphics.Color)	4278230552 (0xFF009E18)
YUV	95.4820, -35.2406, -83.7377
Hunter-Lab	49.5173, -41.9857, 28.7426

Details

The Hex color **009E18** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9E0086**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5BD652**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **009E18**, and if you desaturate by 10%, it is **109E25**.

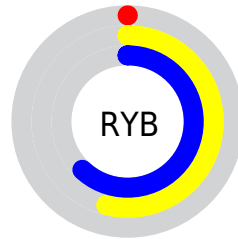
Distribution



Red (0%)

Green (62%)

Blue (9%)



Red (0%)

Yellow (54%)

Blue (62%)

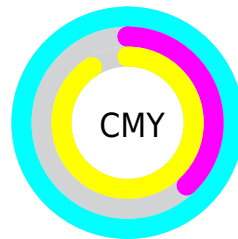


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009E18 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 009E18 by changing the saturation by 10% instead.

 009E18

 009E18

FFFFFF

 008300

 5BD652

 006900

 79F36C

 004F00

 97FF87

 003700

 B5FFA3

 001F00

 D3FFBF

 000000

 F1FFDC

 FFFFF9

 009E18

 109E25

 209E33

 2F9E40

 3F9E4E

 4F9E5B

 5F9E68

 6F9E76

 7E9E83

 8E9E91

Harmonies

Analogous

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



7D9100



009E18



00A468

Triad

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



009E18



0099FF



FF3162

Complementary

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



009E18



9E0086

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.



F434A7



009E18



2182FF

Square

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



009E18



00A3EF



BD5EE7



EA581C

Rectangle

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



009E18



00A699



BD5EE7



FF2A79

Sweetspot

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



009E18



91CF9A



869E00



436949



E8E8E8



696969

Same Dimension

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



009E18



00CF1F



009E67



474F48



008F16



000F02

Inverse Universe

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



9E0086



CF00AF



9E0037



4F474E



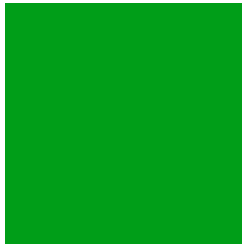
8F0079



0F000D

Previews

White Background



This preview shows how the Hex color 009E18 looks on a white background.

Color Contrast Check

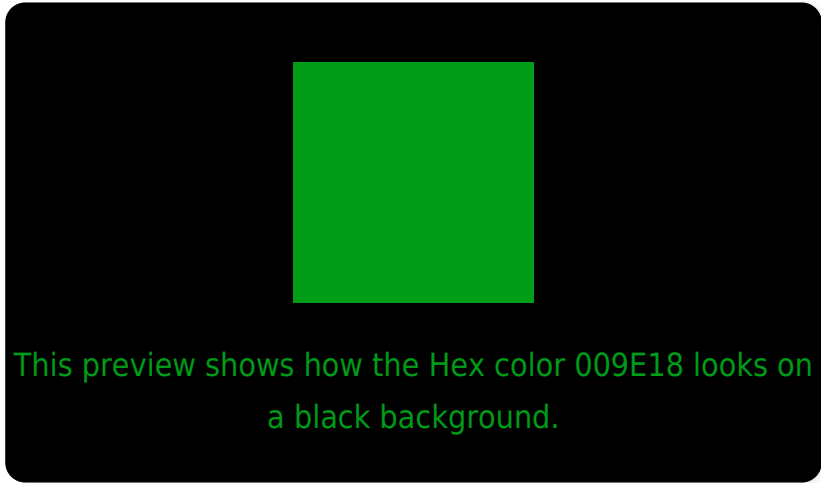
Large Text (above 18pt) WCAG AA ✓ Pass

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 009E18 Background



This preview shows how black text looks on a background with the Hex color 009E18.



This preview shows how white text looks on a background with the Hex color 009E18.

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
42939F

Trichromacy



Original Color
009E18



Protanomaly
618F14



Deuteranomaly
6C8B23



Tritanomaly
2A976E

Monochromacy



Original Color
009E18



Achromatopsia
5F5F5F



Achromatomaly
3C7645

CSS Examples

Text

The CSS property to change the color of the text to Hex 009E18 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 #009E18 looks like.

```
.text, #text, p{  
    color:#009E18  
}
```

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 #009E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009E18
}
```

Border

The CSS property to change the border of an element to Hex 009E18 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
#009E18 }
```

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

```
.border{ border-color:#009E18 }
```

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

Here you see how a box with a 4 pixel #009E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009E18; -webkit-box-shadow:4px 4px  
4px 4px #009E18; box-shadow:4px 4px 4px  
4px #009E18 }
```

Background

The CSS property to change the background color of an element to Hex 009E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009E18 }
```

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

```
.background{ background-color:#009E18 }
```

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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