

Converting Colors

Hex(009F0F)

Have a look what the booklet for
Hex(009F0F) contains.

Hex(009F0F)	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(009F0F)

Conversions

Conversions Part 1

Format	Color
Hex	009F0F
RGB	0, 159, 15
RGB Percent	0%, 62%, 6%
CMY	1.0000, 0.3765, 0.9412
CMYK	1.00, 0.00, 0.91, 0.38
HSL	126°, 100%, 31%
HSV	126°, 100%, 62%
XYZ	12.4844, 24.8308, 4.5868
YIQ	95.0430, -48.5400, -78.4920

Conversions

Conversions Part 2

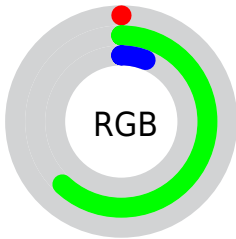
Format	Color
RYB	0, 145, 159
Decimal	40719
CIELab	56.91, -60.10, 56.12
CIELCh	57, 82.230, 136.965
Yxy	24.8308, 0.2979, 0.5926
Android (android.graphics.Color)	4278230799 (0xFF009F0F)
YUV	95.0430, -39.4612, -83.3527
Hunter-Lab	49.8305, -42.4825, 29.4238

Details

The Hex color **009F0F** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9F0090**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BD74D**, and **006A00** is the 20% darker color. If you saturate the color by 10%, you get **009F0F**, and if you desaturate by 10%, it is **109F1D**.

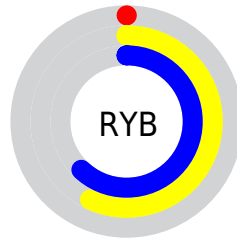
Distribution



Red (0%)

Green (62%)

Blue (6%)



Red (0%)

Yellow (57%)

Blue (62%)

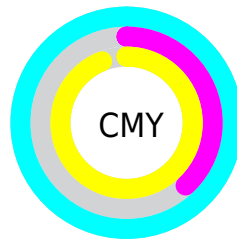


Cyan (100%)

Magenta (0%)

Yellow (91%)

Black (38%)



Cyan (100%)


Magenta (38%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009F0F 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 009F0F by changing the saturation by 10% instead.

 009F0F

 009F0F

FFFFFF


 008400

 5BD74D

 006A00

 7AF468

 005000

 98FF83

 003800

 B6FF9F

 002000

 D4FFBB

 000000

 F2FFD7

 FFFFF5

 009F0F

 109F1D

 209F2C

 309F3A

 409F49

 509F57

 5F9F65

 6F9F74

 7F9F82

 8F9F91

Harmonies

Analogous

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



7F9200



009F0F



00A566

Triad

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



009F0F



009AFF



FF2C64

Complementary

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



009F0F



9F0090

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.



F731AB



009F0F



0083FF

Square

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



009F0F



00A5F1



BC5EEC



EE561C

Rectangle

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



009F0F



00A798



BC5EEC



FF247B

Sweetspot

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



009F0F



91CF96



929F00



436946



E8E8E8



696969

Same Dimension

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



009F0F



00CF13



009F5D



474F48



008F0D



000F01

Inverse Universe

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



9F0090



CF00BB



9F0042



4F474E



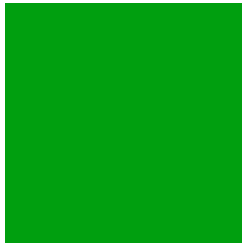
8F0081



0F000E

Previews

White Background



This preview shows how the Hex color 009F0F looks on a white background.

Color Contrast Check

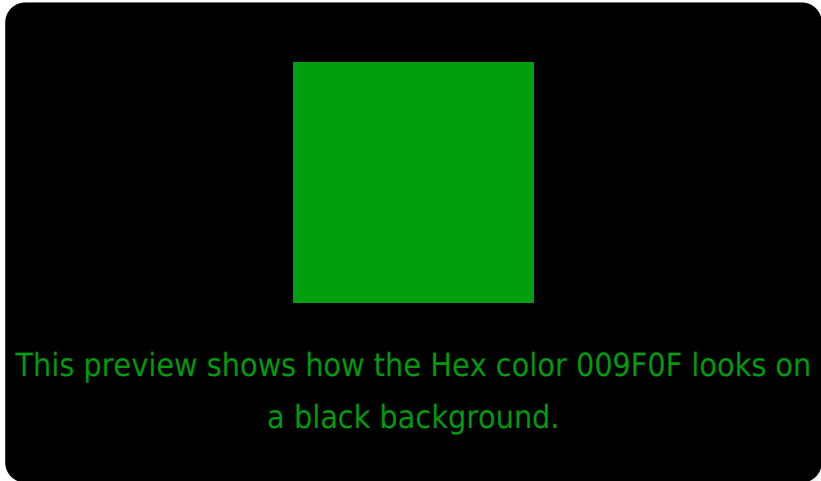
Large Text (above 18pt) WCAG AA ✓ Pass

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 009F0F Background



This preview shows how black text looks on a background with the Hex color 009F0F.

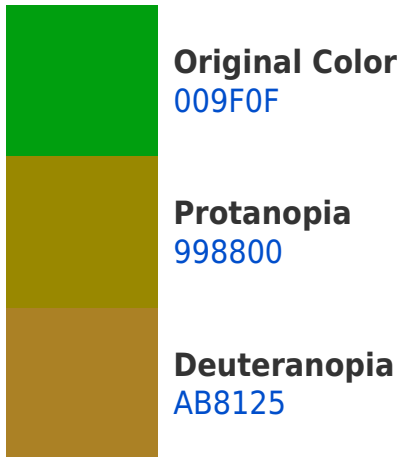



This preview shows how white text looks on a background with the Hex color 009F0F.

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
4394A0

Trichromacy



Original Color
009F0F



Protanomaly
619005



Deuteranomaly
6D8C1D



Tritanomaly
2B986B

Monochromacy



Original Color
009F0F



Achromatopsia
5F5F5F



Achromatomaly
3C7642

CSS Examples

Text

The CSS property to change the color of the text to Hex 009F0F 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 #009F0F looks like.

```
.text, #text, p{  
    color:#009F0F  
}
```

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 #009F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F0F
}
```

Border

The CSS property to change the border of an element to Hex 009F0F 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
#009F0F }
```

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

```
.border{ border-color:#009F0F }
```

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

Here you see how a box with a 4 pixel #009F0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F0F; -webkit-box-shadow:4px 4px  
4px 4px #009F0F; box-shadow:4px 4px 4px  
4px #009F0F }
```

Background

The CSS property to change the background color of an element to Hex 009F0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F0F }
```

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

```
.background{ background-color:#009F0F }
```

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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