

Converting Colors

Hex(009F4F)

Have a look what the booklet for
Hex(009F4F) contains.

Hex(009F4F)	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(009F4F)

Conversions

Conversions Part 1

Format	Color
Hex	009F4F
RGB	0, 159, 79
RGB Percent	0%, 62%, 31%
CMY	1.0000, 0.3765, 0.6902
CMYK	1.00, 0.00, 0.50, 0.38
HSL	150°, 100%, 31%
HSV	150°, 100%, 62%
XYZ	13.8094, 25.3608, 11.5644
YIQ	102.3390, -69.0840, -58.5880

Conversions

Conversions Part 2

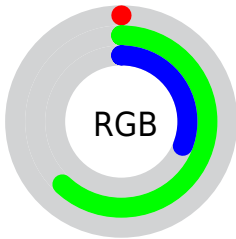
Format	Color
RYB	0, 106, 159
Decimal	40783
CIELab	57.43, -53.63, 31.88
CIELCh	57, 62.393, 149.272
Yxy	25.3608, 0.2722, 0.4999
Android (android.graphics.Color)	4278230863 (0xFF009F4F)
YUV	102.3390, -11.5061, -89.7513
Hunter-Lab	50.3595, -39.1814, 21.6364

Details

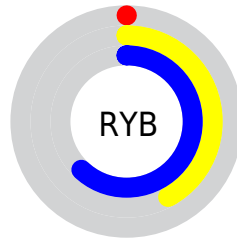
The Hex color **009F4F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9F0050**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **58D782**, and **006A1F** is the 20% darker color. If you saturate the color by 10%, you get **009F4F**, and if you desaturate by 10%, it is **109F57**.

Distribution



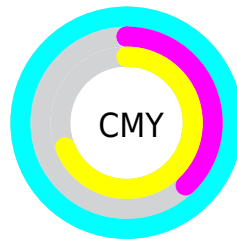
- Red (0%)
- Green (62%)
- Blue (31%)



- Red (0%)
- Yellow (42%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009F4F 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 009F4F by changing the saturation by 10% instead.

 009F4F

 009F4F

FFFFFF

 008437

 58D782

 006A1F

 77F49C

 005106

 94FFB7

 003800

 B2FFD3

 002100

 CFFFF0

 000000

 EDFFFF

 009F4F

 109F57

 209F5F

 309F67

 409F6F

 509F77

 5F9F7F

 6F9F87

 7F9F8F

 8F9F97

Harmonies

Analogous

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



70961D



009F4F



00A387

Triad

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



009F4F



0091F7



E85B58

Complementary

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



009F4F



9F0050

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.



E8538E



009F4F



867CEA

Square

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



009F4F



009DE7



CA63C2



CF7129

Rectangle

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



009F4F



00A3AC



CA63C2



EB5669

Sweetspot

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



009F4F



91CFAF



529F00



436956



E8E8E8



696969

Same Dimension

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



009F4F



00CF67



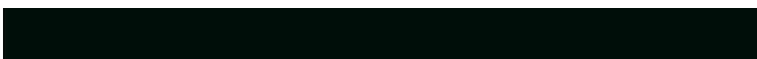
009F9C



474F4B



008F47



000F08

Inverse Universe

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



9F0050



CF0068



9F0003



4F474B



8F0048



0F0008

Previews

White Background



This preview shows how the Hex color 009F4F looks on a white background.

Color Contrast Check

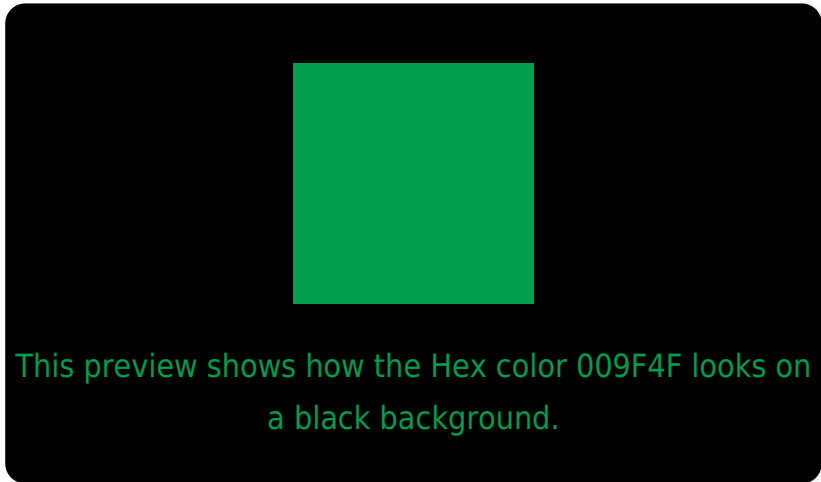
Large Text (above 18pt) WCAG AA ✓ Pass

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 009F4F Background



This preview shows how black text looks on a background with the Hex color 009F4F.



This preview shows how white text looks on a background with the Hex color 009F4F.

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
009F4F

Protanopia
978947

Deuteranopia
A58356



Tritanopia
3D96A2

Trichromacy



Original Color
009F4F



Protanomaly
60914A



Deuteranomaly
698D53



Tritanomaly
279984

Monochromacy



Original Color
009F4F



Achromatopsia
666666



Achromatomaly
417B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 009F4F 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 #009F4F looks like.

```
.text, #text, p{  
    color:#009F4F  
}
```

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 #009F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F4F
}
```

Border

The CSS property to change the border of an element to Hex 009F4F 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
#009F4F }
```

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

```
.border{ border-color:#009F4F }
```

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

Here you see how a box with a 4 pixel #009F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F4F; -webkit-box-shadow:4px 4px  
4px 4px #009F4F; box-shadow:4px 4px 4px  
4px #009F4F }
```

Background

The CSS property to change the background color of an element to Hex 009F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F4F }
```

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

```
.background{ background-color:#009F4F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor