

Converting Colors

Hex(09F762)

Have a look what the booklet for
Hex(09F762) contains.

Hex(09F762)	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(09F762)

Conversions

Conversions Part 1

Format	Color
Hex	09F762
RGB	9, 247, 98
RGB Percent	4%, 97%, 38%
CMY	0.9647, 0.0314, 0.6157
CMYK	0.96, 0.00, 0.60, 0.03
HSL	142°, 94%, 50%
HSV	142°, 96%, 97%
XYZ	35.5780, 67.4614, 22.7015
YIQ	158.8520, -94.0190, -96.7950

Conversions

Conversions Part 2

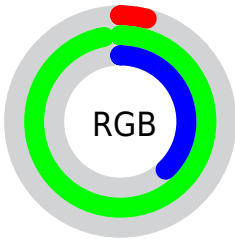
Format	Color
RYB	9, 182, 247
Decimal	653154
CIELab	85.74, -78.17, 56.81
CIElCh	86, 96.639, 143.992
Yxy	67.4614, 0.2829, 0.5365
Android (android.graphics.Color)	4278843234 (0xFF09F762)
YUV	158.8520, -30.0000, -131.4202
Hunter-Lab	82.1349, -66.4160, 41.1071

Details

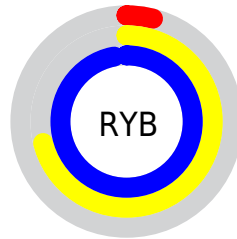
The Hex color **09F762** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F7099E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **74FF99**, and **00BD2A** is the 20% darker color. If you saturate the color by 10%, you get **00F75C**, and if you desaturate by 10%, it is **22F771**.

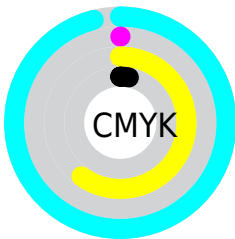
Distribution



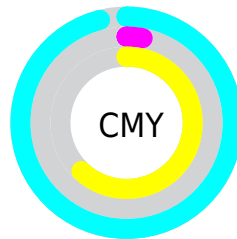
- Red (4%)
- Green (97%)
- Blue (38%)



- Red (4%)
- Yellow (71%)
- Blue (97%)



- Cyan (96%)
- Magenta (0%)
- Yellow (60%)
- Black (3%)




- Cyan (96%)
- Magenta (3%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09F762 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 09F762 by changing the saturation by 10% instead.

 09F762

 09F762

FFFFFF

 00DA47

 74FF99

 00BD2A

 96FFB5

 00A100

 B7FFD2

 008500

 D7FFE9

 006A00

 F7FFFF

 005000

 003700

 001C00

 000000

 09F762

 09F762

 00F75C

 22F771

 3AF781

 53F790

 6CF7A0

 85F7AF

 9DF7BF

 B6F7CE

 CFF7DE

 E7F7ED

Harmonies

Analogous

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



B9E700



09F762



00FEC0

Triad

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



09F762



00E7FF



FF7C92

Complementary

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



09F762



F7099E

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.



FF74ED



09F762



ABC6FF

Square

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



09F762



00F9FF



FF99FF



FFA53D

Rectangle

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



09F762



00FFFF



FF99FF



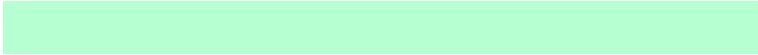
FF74B0

Sweetspot

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



09F762



B5FFD1



A0F709



538064



000000



808080

Same Dimension

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



09F762



00FF5F



09F7D7



6E7A73



00BA46



003B16

Inverse Universe

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



F7099E



FF00A0



F70929



7A6E76



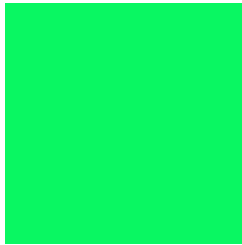
BA0075



3B0025

Previews

White Background



This preview shows how the Hex color 09F762 looks on a white background.

Color Contrast Check

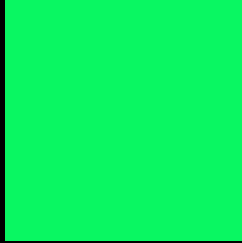
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 09F762 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 09F762 Background



This preview shows how black text looks on a background with the Hex color 09F762.

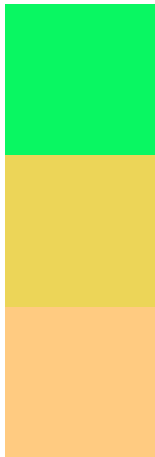


This preview shows how white text looks on a background with the Hex color 09F762.

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](#).

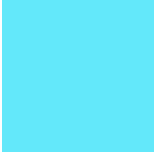
Dichromacy



Original Color
09F762

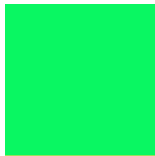
Protanopia
ECD558

Deuteranopia
FFCB81



Tritanopia
63E8FA

Trichromacy



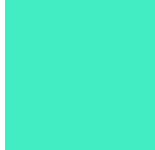
Original Color
09F762



Protanomaly
99E15C



Deuteranomaly
A6DB76



Tritanomaly
42EDC3

Monochromacy



Original Color
09F762



Achromatopsia
9F9F9F



Achromatomaly
68BF89

CSS Examples

Text

The CSS property to change the color of the text to Hex 09F762 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 #09F762 looks like.

```
.text, #text, p{  
    color:#09F762  
}
```

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 #09F762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09F762
}
```

Border

The CSS property to change the border of an element to Hex 09F762 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
#09F762 }
```

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

```
.border{ border-color:#09F762 }
```

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

Here you see how a box with a 4 pixel #09F762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09F762; -webkit-box-shadow:4px 4px  
4px 4px #09F762; box-shadow:4px 4px 4px  
4px #09F762 }
```

Background

The CSS property to change the background color of an element to Hex 09F762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09F762 }
```

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

```
.background{ background-color:#09F762 }
```

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