

# Converting Colors

Hex(09E26D)

Have a look what the booklet for  
Hex(09E26D) contains.

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**Color**

**Hex(09E26D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09E26D
RGB	9, 226, 109
RGB Percent	4%, 89%, 43%
CMY	0.9647, 0.1137, 0.5725
CMYK	0.96, 0.00, 0.52, 0.11
HSL	148°, 92%, 46%
HSV	148°, 96%, 89%
XYZ	30.0693, 55.5549, 23.6064
YIQ	147.7790, -91.7750, -82.3910

# Conversions

## Conversions Part 2

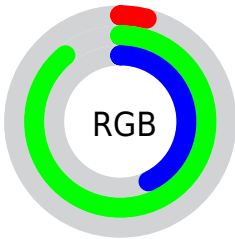
Format	Color
<a href="#">RYB</a>	<a href="#">9, 158, 226</a>
Decimal	<a href="#">647789</a>
CIELab	<a href="#">79.36, -70.34, 44.26</a>
CIELCh	<a href="#">79, 83.108, 147.818</a>
Yxy	<a href="#">55.5549, 0.2753, 0.5086</a>
Android (android.graphics.Color)	<a href="#">4278837869 (0xFF09E26D)</a>
YUV	<a href="#">147.7790, -19.1180, -121.7092</a>
Hunter-Lab	<a href="#">74.5352, -58.4252, 33.3966</a>

# Details

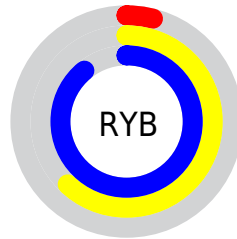
The Hex color **09E26D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E2097E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6DFFA3**, and **00A939** is the 20% darker color. If you saturate the color by 10%, you get **00E268**, and if you desaturate by 10%, it is **20E279**.

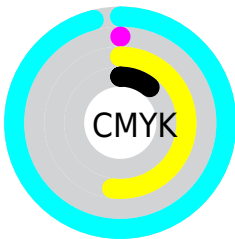
# Distribution



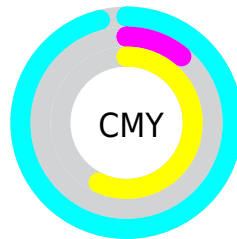
- Red (4%)
- Green (89%)
- Blue (43%)



- Red (4%)
- Yellow (62%)
- Blue (89%)



- Cyan (96%)
- Magenta (0%)
- Yellow (52%)
- Black (11%)



- Cyan (96%)
- Magenta (11%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09E26D 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 09E26D by changing the saturation by 10% instead.



 09E26D

 09E26D

FFFFFF

 00C553

 6DFFA3

 00A939

 8FFFBE

 008D1F

 AFFFDB

 007200

 CEFFF8

 005800

 EEEFFF

 003F00

 002600

 000000

 09E26D

 09E26D

■ 00E268

■ 20E279

■ 36E285

■ 4DE292

■ 63E29E

■ 7AE2AA

■ 91E2B6

■ A7E2C2

■ BEE2CE

■ D4E2DB

# Harmonies

## Analogous

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



A3D523



09E26D



00E8BC

# Triad

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



09E26D



00D0FF



FF8081

# Complementary

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



09E26D



E2097E

# 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.



FF76CE



09E26D



B7B2FF

# Square

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



09E26D



00E1FF



FF8EFF



FFA03D

# Rectangle

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



09E26D



00E9F2



FF8EFF



FF799A

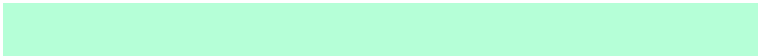


# Sweetspot

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



09E26D



B5FFD7



80E209



538067



000000



808080



# Same Dimension

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



09E26D



00FF76



09E2D7



65706A



00B051



003016



# Inverse Universe

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



E2097E



FF0089



E20914



70656B



B0005F

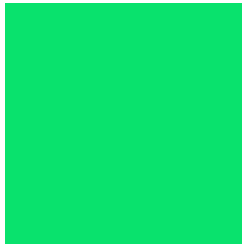


30001A



# Previews

## White Background



This preview shows how the Hex color 09E26D looks on a white background.

## Color Contrast Check

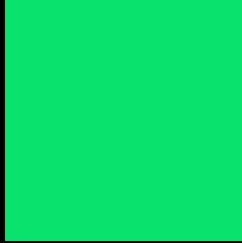
Large Text (above 18pt) WCAG AA × Fail

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 09E26D 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 09E26D Background



This preview shows how black text looks on a background with the Hex color 09E26D.

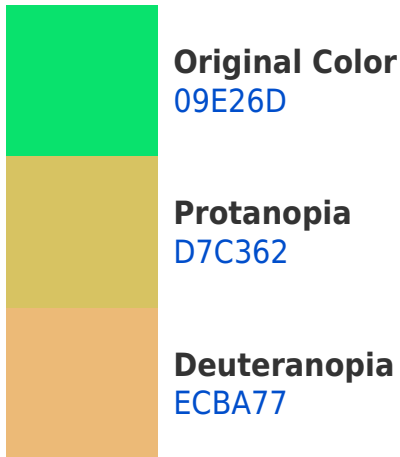


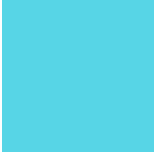
This preview shows how white text looks on a background with the Hex color 09E26D.

# 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**  
57D5E6

# Trichromacy



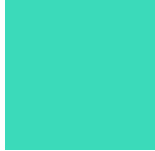
**Original Color**  
09E26D



**Protanomaly**  
8CCE66



**Deuteranomaly**  
99C973



**Tritanomaly**  
3BDABA

# Monochromacy



**Original Color**  
09E26D



**Achromatopsia**  
949494



**Achromatomaly**  
61B086

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09E26D 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 #09E26D looks like.

```
.text, #text, p{  
    color:#09E26D  
}
```

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 #09E26D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09E26D
}
```

## Border

The CSS property to change the border of an element to Hex 09E26D 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
#09E26D }
```

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

```
.border{ border-color:#09E26D }
```

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

Here you see how a box with a 4 pixel #09E26D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09E26D; -webkit-box-shadow:4px 4px  
4px 4px #09E26D; box-shadow:4px 4px 4px  
4px #09E26D }
```

# Background

The CSS property to change the background color of an element to Hex 09E26D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09E26D }
```

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

```
.background{ background-color:#09E26D }
```

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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