

Converting Colors

Hex(009734)

Have a look what the booklet for
Hex(009734) contains.

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Color

Hex(009734)

Conversions

Conversions Part 1

Format	Color
Hex	009734
RGB	0, 151, 52
RGB Percent	0%, 59%, 20%
CMY	1.0000, 0.4078, 0.7961
CMYK	1.00, 0.00, 0.66, 0.41
HSL	141°, 100%, 30%
HSV	141°, 100%, 59%
XYZ	11.6864, 22.3812, 6.9529
YIQ	94.5650, -58.2170, -62.8010

Conversions

Conversions Part 2

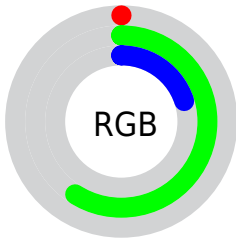
Format	Color
RYB	0, 112, 151
Decimal	38708
CIELab	54.43, -54.94, 41.49
CIELCh	54, 68.850, 142.943
Yxy	22.3812, 0.2849, 0.5456
Android (android.graphics.Color)	4278228788 (0xFF009734)
YUV	94.5650, -20.9845, -82.9335
Hunter-Lab	47.3087, -38.6963, 24.4024

Details

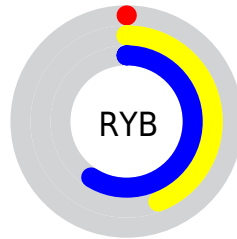
The Hex color **009734** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **970063**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **57CE67**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **009734**, and if you desaturate by 10%, it is **0F973E**.

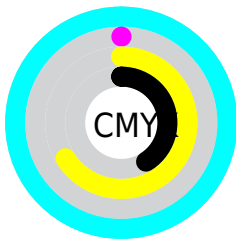
Distribution



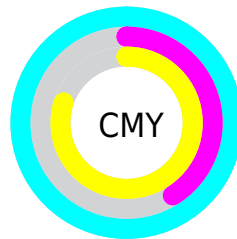
- Red (0%)
- Green (59%)
- Blue (20%)



- Red (0%)
- Yellow (44%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009734 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 009734 by changing the saturation by 10% instead.

 009734

 009734

FFFFFF

 007C1A

 57CE67

 006200

 75EB81

 004900

 92FF9C

 003200

 B0FFB7

 001800

 CDFFD3

 000000

 EBFFF0

 009734

 0F973E

 1E9748

 2D9752

 3C975C

 4C9766

 5B976F

 6A9779

 799783

 88978D

Harmonies

Analogous

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



718D00



009734



009C72

Triad

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



009734



008EF9



E94658

Complementary

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



009734



970063

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.



E44193



009734



6079F1

Square

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



009734



0099E1



BB5BCB



D3611F

Rectangle

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



009734



009D9B



BB5BCB



EB406B

Sweetspot

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



009734



89C49E



659700



40634C



E3E3E3



636363

Same Dimension

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



009734



00C444



00977E



454D47



008C30



000D04

Inverse Universe

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



970063



C40081



970019



4D454A



8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 009734 looks on a white background.

Color Contrast Check

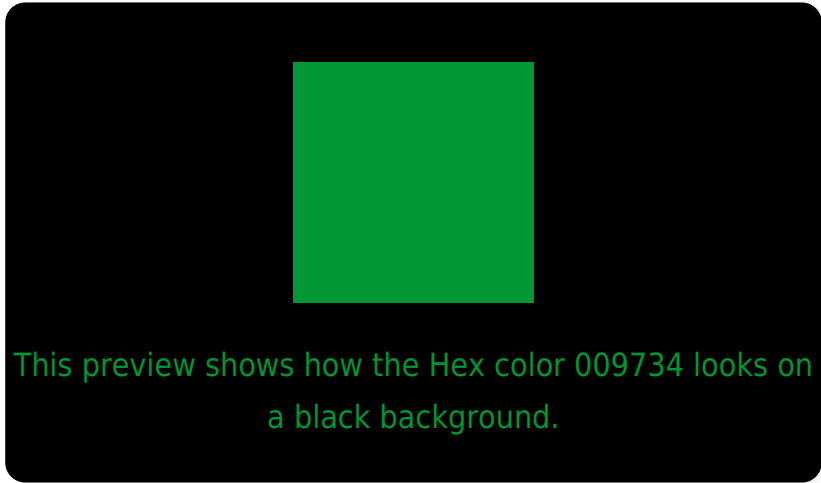
Large Text (above 18pt) WCAG AA ✓ Pass

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 009734 Background



This preview shows how black text looks on a background with the Hex color 009734.



This preview shows how white text looks on a background with the Hex color 009734.

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
009734

Protanopia
91822E

Deuteranopia
A07B3D



Tritanopia
3D8D99

Trichromacy



Original Color
009734



Protanomaly
5C8A30



Deuteranomaly
66853A



Tritanomaly
279174

Monochromacy



Original Color
009734



Achromatopsia
5F5F5F



Achromatomaly
3C734F

CSS Examples

Text

The CSS property to change the color of the text to Hex 009734 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 #009734 looks like.

```
.text, #text, p{  
  color:#009734  
}
```

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 #009734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009734
}
```

Border

The CSS property to change the border of an element to Hex 009734 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
#009734 }
```

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

```
.border{ border-color:#009734 }
```

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

Here you see how a box with a 4 pixel #009734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009734; -webkit-box-shadow:4px 4px  
4px 4px #009734; box-shadow:4px 4px 4px  
4px #009734 }
```

Background

The CSS property to change the background color of an element to Hex 009734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009734 }
```

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

```
.background{ background-color:#009734 }
```

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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