

Converting Colors

Hex(009835)

Have a look what the booklet for
Hex(009835) contains.

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Color

Hex(009835)

Conversions

Conversions Part 1

Format	Color
Hex	009835
RGB	0, 152, 53
RGB Percent	0%, 60%, 21%
CMY	1.0000, 0.4039, 0.7922
CMYK	1.00, 0.00, 0.65, 0.40
HSL	141°, 100%, 30%
HSV	141°, 100%, 60%
XYZ	11.8708, 22.7135, 7.1267
YIQ	95.2660, -58.8130, -63.0130

Conversions

Conversions Part 2

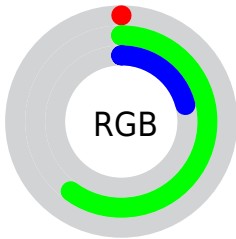
Format	Color
RYB	0, 113, 152
Decimal	38965
CIELab	54.78, -55.14, 41.43
CIELCh	55, 68.968, 143.082
Yxy	22.7135, 0.2846, 0.5445
Android (android.graphics.Color)	4278229045 (0xFF009835)
YUV	95.2660, -20.8371, -83.5483
Hunter-Lab	47.6587, -38.9419, 24.4951

Details

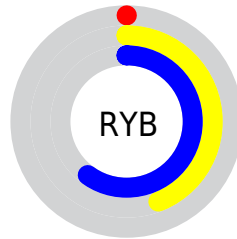
The Hex color **009835** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **980063**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **57D068**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **009835**, and if you desaturate by 10%, it is **0F983F**.

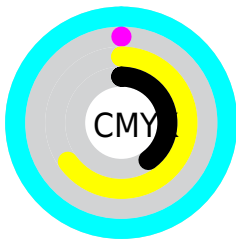
Distribution



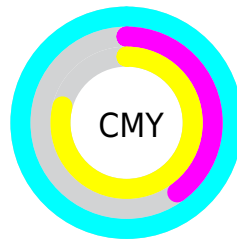
- Red (0%)
- Green (60%)
- Blue (21%)



- Red (0%)
- Yellow (44%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009835 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 009835 by changing the saturation by 10% instead.

 009835

 009835

FFFFFF

 007D1B

 57D068

 006300

 75EC82

 004A00

 93FF9D

 003300

 B0FFB8

 001900

 CEFFD4

 000000

 ECFFF1

 009835

 0F983F

 1E9849

 2E9853

 3D985D

 4C9867

 5B9870

 6A987A

 7A9884

 89988E

Harmonies

Analogous

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



728E00



009835



009D73

Triad

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



009835



008EFA



EA4758

Complementary

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



009835



980063

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.



E54294



009835



6179F2

Square

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



009835



009AE2



BD5CCC



D46220

Rectangle

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



009835



009E9C



BD5CCC



EC416C

Sweetspot

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



009835



89C49E



659800



40634C



E3E3E3



636363

Same Dimension

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



009835



00C444



00987F



454D48



008C31



000D04

Inverse Universe

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



980063



C40080



980019



4D454A



8C005B



0D0008

Previews

White Background



This preview shows how the Hex color 009835 looks on a white background.

Color Contrast Check

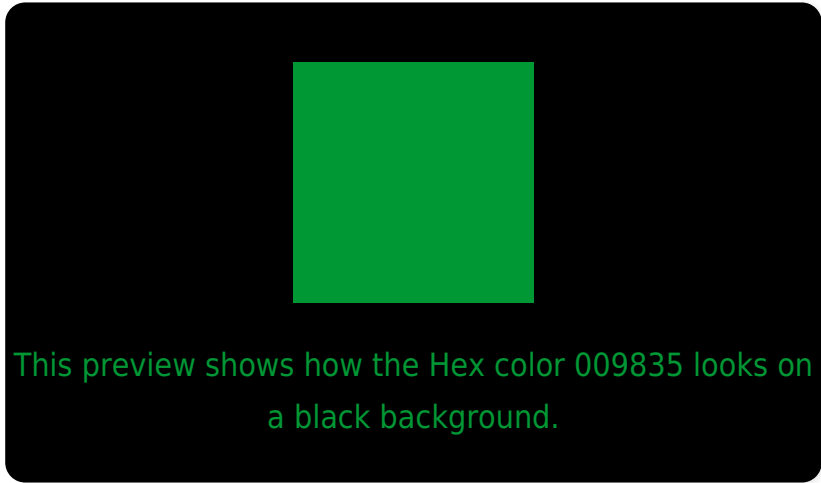
Large Text (above 18pt) WCAG AA ✓ Pass

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 009835 Background



This preview shows how black text looks on a background with the Hex color 009835.



This preview shows how white text looks on a background with the Hex color 009835.

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
009835

Protanopia
92832F

Deuteranopia
A17C3E



Tritanopia
3D8E9A

Trichromacy



Original Color
009835



Protanomaly
5D8B31



Deuteranomaly
66863B



Tritanomaly
279275

Monochromacy



Original Color
009835



Achromatopsia
5F5F5F



Achromatomaly
3C7450

CSS Examples

Text

The CSS property to change the color of the text to Hex 009835 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 #009835 looks like.

```
.text, #text, p{  
    color:#009835  
}
```

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 #009835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009835
}
```

Border

The CSS property to change the border of an element to Hex 009835 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
#009835 }
```

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

```
.border{ border-color:#009835 }
```

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

Here you see how a box with a 4 pixel #009835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009835; -webkit-box-shadow:4px 4px  
4px 4px #009835; box-shadow:4px 4px 4px  
4px #009835 }
```

Background

The CSS property to change the background color of an element to Hex 009835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009835 }
```

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

```
.background{ background-color:#009835 }
```

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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