

# Converting Colors

Hex(09A40D)

Have a look what the booklet for  
Hex(09A40D) contains.

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**Color**

**Hex(09A40D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09A40D
RGB	9, 164, 13
RGB Percent	4%, 64%, 5%
CMY	0.9647, 0.3569, 0.9490
CMYK	0.95, 0.00, 0.92, 0.36
HSL	122°, 90%, 34%
HSV	122°, 95%, 64%
XYZ	13.4608, 26.6381, 4.8130
YIQ	100.4410, -43.9090, -79.8210

# Conversions

## Conversions Part 2

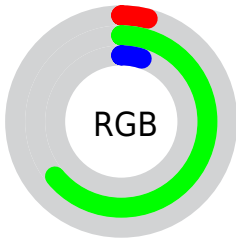
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 160, 164
Decimal	631821
CIE Lab	58.64, -61.09, 57.97
CIE LCh	59, 84.218, 136.501
Yxy	26.6381, 0.2997, 0.5931
Android (android.graphics.Color)	4278821901 (0xFF09A40D)
YUV	100.4410, -43.1084, -80.1938
Hunter-Lab	51.6121, -43.7672, 30.5995

# Details

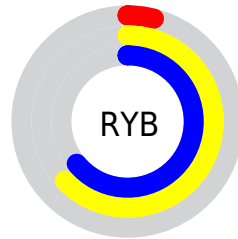
The Hex color **09A40D** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A409A0**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5FDC4D**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **00A404**, and if you desaturate by 10%, it is **19A41D**.

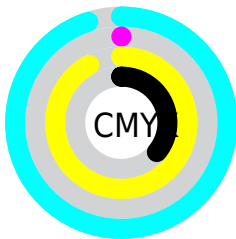
# Distribution



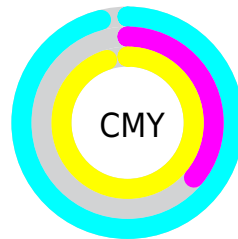
- Red (4%)
- Green (64%)
- Blue (5%)



- Red (4%)
- Yellow (63%)
- Blue (64%)



- Cyan (95%)
- Magenta (0%)
- Yellow (92%)
- Black (36%)



- Cyan (96%)
- Magenta (36%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09A40D 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 09A40D by changing the saturation by 10% instead.





09A40D



09A40D

FFFFFF



008900



5FDC4D



006E00



7EF968



005500



9CFF84



003C00



BAFF9F



002400



D8FFBC



000000



F7FFD8



FFFFFF6



09A40D



09A40D

■ 00A404

■ 19A41D

■ 2AA42D

■ 3AA43D

■ 4BA44D

■ 5BA45D

■ 6BA46D

■ 7CA47D

■ 8CA48D

■ 9DA49D

# Harmonies

## Analogous

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



859600



09A40D



00AB68

# Triad

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



09A40D



00A0FF



FF2D68

# Complementary

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



09A40D



A409A0

# 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.



FE34B2



09A40D



0088FF

# Square

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



09A40D



00AAF8



C162F4



F6581E

# Rectangle

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



09A40D



00AD9C



C162F4



FF2580



# Sweetspot

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



09A40D



9AD69C



A1A409



476B48



EBEBEB



6B6B6B



# Same Dimension

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



09A40D



00D606



09A459



49524A



009104



001200



# Inverse Universe

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



A409A0



D600D1



A40954



524951



91008E

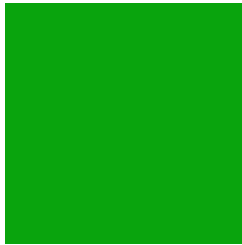


120011



# Previews

## White Background



This preview shows how the Hex color 09A40D looks on a white background.

## Color Contrast Check

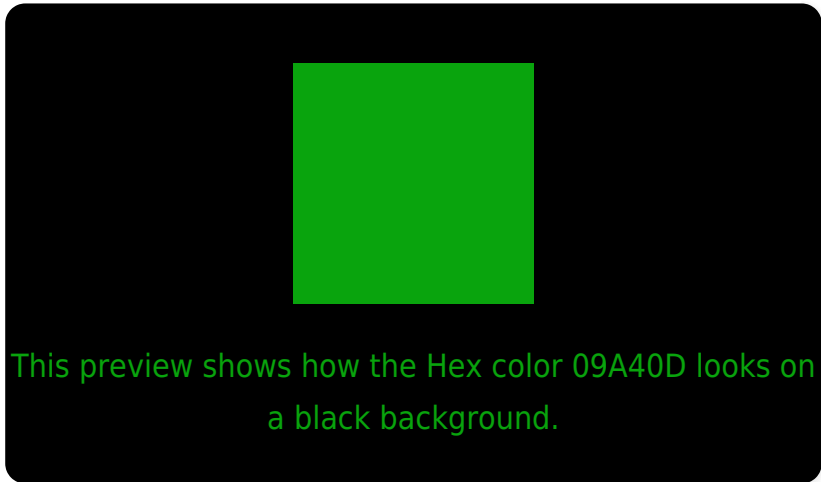
Large Text (above 18pt) WCAG AA ✓ Pass

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 09A40D Background



This preview shows how black text looks on a background with the Hex color 09A40D.

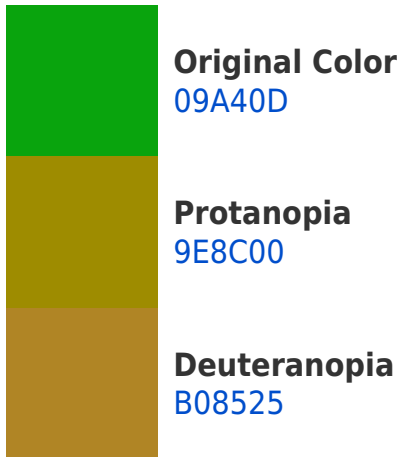


This preview shows how white text looks on a background with the Hex color 09A40D.

# 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**  
4598A5

# Trichromacy



**Original Color**  
09A40D



**Protanomaly**  
689505



**Deuteranomaly**  
73901C



**Tritanomaly**  
2F9C6E

# Monochromacy



**Original Color**  
09A40D



**Achromatopsia**  
646464



**Achromatomaly**  
437B44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09A40D 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 #09A40D looks like.

```
.text, #text, p{  
    color:#09A40D  
}
```

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 #09A40D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09A40D
}
```

## Border

The CSS property to change the border of an element to Hex 09A40D 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".

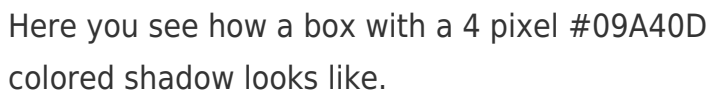
```
.border, #border, table{ border:4px solid
#09A40D }
```

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

```
.border{ border-color:#09A40D }
```

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

Here you see how a box with a 4 pixel #09A40D colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides, and a thin green border on the right side. The shadow is a solid green color and is positioned to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09A40D; -webkit-box-shadow:4px 4px  
4px 4px #09A40D; box-shadow:4px 4px 4px  
4px #09A40D }
```

# Background

The CSS property to change the background color of an element to Hex 09A40D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09A40D }
```

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

```
.background{ background-color:#09A40D }
```

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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