

# Converting Colors

Hex(09A040)

Have a look what the booklet for  
Hex(09A040) contains.

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**Color**

**Hex(09A040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09A040
RGB	9, 160, 64
RGB Percent	4%, 63%, 25%
CMY	0.9647, 0.3725, 0.7490
CMYK	0.94, 0.00, 0.60, 0.37
HSL	142°, 89%, 33%
HSV	142°, 94%, 63%
XYZ	13.6089, 25.5699, 9.0687
YIQ	103.9070, -59.1800, -61.8680

# Conversions

## Conversions Part 2

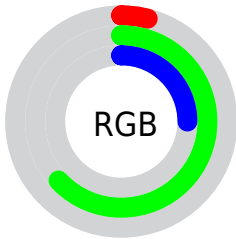
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 120, 160
Decimal	630848
CIE Lab	57.63, -55.78, 39.60
CIE LCh	58, 68.407, 144.628
Yxy	25.5699, 0.2821, 0.5300
Android (android.graphics.Color)	4278820928 (0xFF09A040)
YUV	103.9070, -19.6742, -83.2334
Hunter-Lab	50.5666, -40.4524, 24.7635

# Details

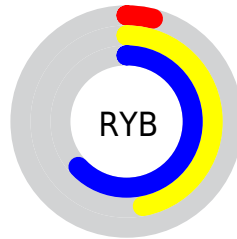
The Hex color **09A040** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A00969**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5BD873**, and **006B0B** is the 20% darker color. If you saturate the color by 10%, you get **00A03A**, and if you desaturate by 10%, it is **19A04A**.

# Distribution



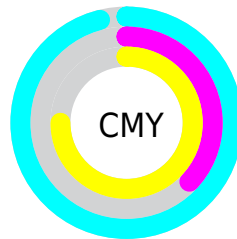
- Red (4%)
- Green (63%)
- Blue (25%)



- Red (4%)
- Yellow (47%)
- Blue (63%)



- Cyan (94%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (96%)
- Magenta (37%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09A040 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 09A040 by changing the saturation by 10% instead.



 09A040

 09A040

FFFFFF

 008527

 5BD873

 006B0B

 7AF58D

 005100

 97FFA8

 003900

 B5FFC4

 002200

 D2FFE0

 000000

 F0FFFD

 09A040

 09A040

 00A03A

 19A04A

 29A054

 39A05F

 49A069

 59A073

 69A07D

 79A087

 89A091

 99A09C

# Harmonies

## Analogous

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



769600



09A040



00A57D

# Triad

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



09A040



0095FF



F2515C

# Complementary

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



09A040



A00969

# 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.



EE4B98



09A040



727FF8

# Square

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



09A040



00A1EB



C762D1



DA6B26

# Rectangle

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



09A040



00A6A7



C762D1



F44C70



# Sweetspot

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



09A040



97D1AC



6BA009



456952



E8E8E8



696969



# Same Dimension

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



09A040



00D14C



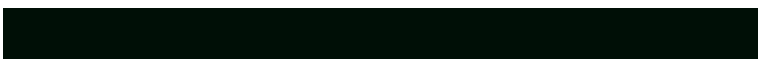
09A089



474F4A



008F34



000F06



# Inverse Universe

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



A00969



D10085



A00920



4F474C



8F005B



0F000A



# Previews

## White Background



This preview shows how the Hex color 09A040 looks on a white background.

## Color Contrast Check

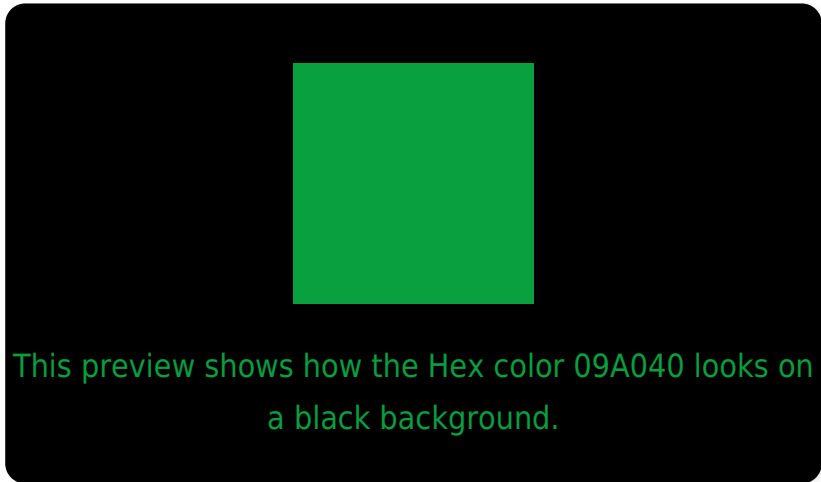
Large Text (above 18pt) WCAG AA ✓ Pass

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 09A040 Background



This preview shows how black text looks on a background with the Hex color 09A040.



This preview shows how white text looks on a background with the Hex color 09A040.

# 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**  
4096A2

# Trichromacy



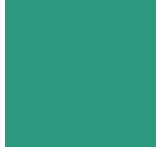
**Original Color**  
09A040



**Protanomaly**  
65923C



**Deuteranomaly**  
6F8E45



**Tritanomaly**  
2C9A7E

# Monochromacy



**Original Color**  
09A040



**Achromatopsia**  
686868



**Achromatomaly**  
457C59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09A040 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 #09A040 looks like.

```
.text, #text, p{  
    color:#09A040  
}
```

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 #09A040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09A040
}
```

## Border

The CSS property to change the border of an element to Hex 09A040 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
#09A040 }
```

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

```
.border{ border-color:#09A040 }
```

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

Here you see how a box with a 4 pixel #09A040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09A040; -webkit-box-shadow:4px 4px  
4px 4px #09A040; box-shadow:4px 4px 4px  
4px #09A040 }
```

# Background

The CSS property to change the background color of an element to Hex 09A040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09A040 }
```

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

```
.background{ background-color:#09A040 }
```

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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