

# Converting Colors

Hex(09A542)

Have a look what the booklet for  
Hex(09A542) contains.

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**Color**

**Hex(09A542)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09A542
RGB	9, 165, 66
RGB Percent	4%, 65%, 26%
CMY	0.9647, 0.3529, 0.7412
CMYK	0.95, 0.00, 0.60, 0.35
HSL	142°, 90%, 34%
HSV	142°, 95%, 65%
XYZ	14.5512, 27.3617, 9.6687
YIQ	107.0700, -61.1970, -63.8610

# Conversions

## Conversions Part 2

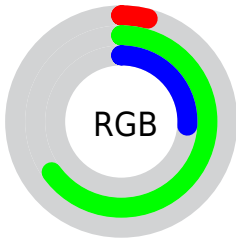
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 123, 165
Decimal	632130
CIELab	59.31, -57.12, 40.61
CIELCh	59, 70.089, 144.588
Yxy	27.3617, 0.2821, 0.5305
Android (android.graphics.Color)	4278822210 (0xFF09A542)
YUV	107.0700, -20.2475, -86.0074
Hunter-Lab	52.3084, -41.8846, 25.6567

# Details

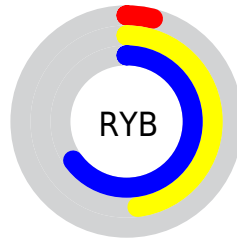
The Hex color **09A542** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A5096C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DDD75**, and **006F0D** is the 20% darker color. If you saturate the color by 10%, you get **00A53C**, and if you desaturate by 10%, it is **19A54C**.

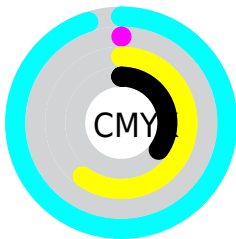
# Distribution



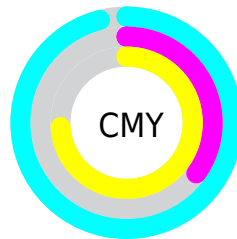
- Red (4%)
- Green (65%)
- Blue (26%)



- Red (4%)
- Yellow (48%)
- Blue (65%)



- Cyan (95%)
- Magenta (0%)
- Yellow (60%)
- Black (35%)



- Cyan (96%)
- Magenta (35%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09A542 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 09A542 by changing the saturation by 10% instead.



 09A542

 09A542

FFFFFF

 008A29

 5DDD75

 006F0D

 7BFA8F

 005600

 99FFAB

 003D00

 B7FFC6

 002600

 D5FFE3

 000000

 F3FFFF

 09A542

 09A542

 00A53C

 19A54C

 2AA557

 3AA561

 4BA56C

 5BA576

 6CA581

 7CA58B

 8DA596

 9DA5A0

# Harmonies

## Analogous

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



7A9A00



09A542



00AA81

# Triad

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



09A542



009AFF



FA5360

# Complementary

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



09A542



A5096C

# 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.



F64E9D



09A542



7583FF

# Square

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



09A542



00A6F3



CE65D7



E16E27

# Rectangle

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



09A542



00ABAC



CE65D7



FC4E73



# Sweetspot

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



09A542



9AD6B0



6EA509



476B54



EBEBEB



6B6B6B



# Same Dimension

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



09A542



00D64E



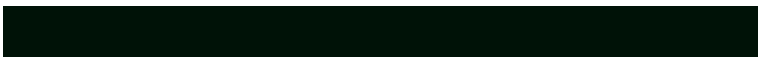
09A58E



49524C



009135



001207



# Inverse Universe

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



A5096C



D60088



A50920



52494F



91005C



12000B



# Previews

## White Background



This preview shows how the Hex color 09A542 looks on a white background.

## Color Contrast Check

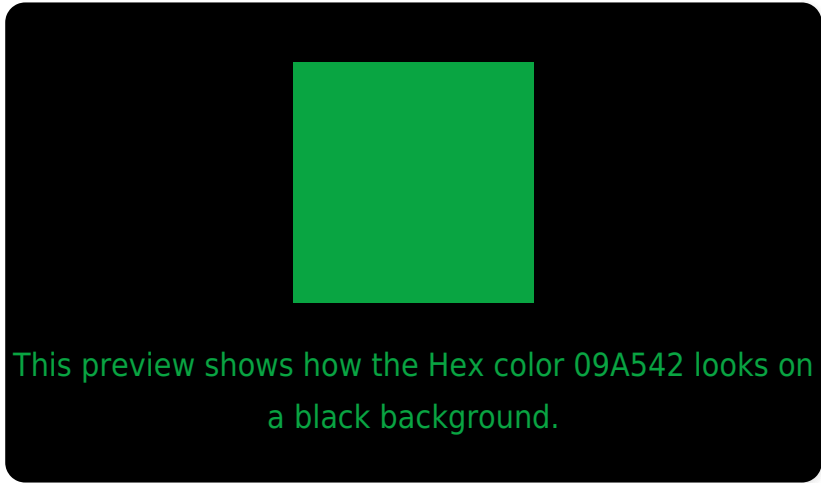
Large Text (above 18pt) WCAG AA ✓ Pass

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 09A542 Background



This preview shows how black text looks on a background with the Hex color 09A542.

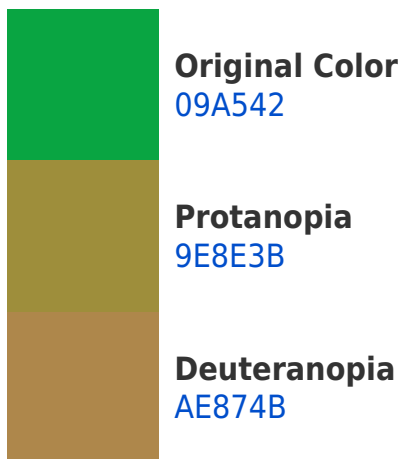


This preview shows how white text looks on a background with the Hex color 09A542.

# 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**  
429BA7

# Trichromacy



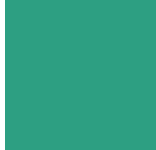
**Original Color**  
09A542



**Protanomaly**  
68963E



**Deuteranomaly**  
729248



**Tritanomaly**  
2D9F82

# Monochromacy



**Original Color**  
09A542



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
47805C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09A542 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 #09A542 looks like.

```
.text, #text, p{  
    color:#09A542  
}
```

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 #09A542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09A542
}
```

## Border

The CSS property to change the border of an element to Hex 09A542 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
#09A542 }
```

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

```
.border{ border-color:#09A542 }
```

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

Here you see how a box with a 4 pixel #09A542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09A542; -webkit-box-shadow:4px 4px  
4px 4px #09A542; box-shadow:4px 4px 4px  
4px #09A542 }
```

# Background

The CSS property to change the background color of an element to Hex 09A542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09A542 }
```

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

```
.background{ background-color:#09A542 }
```

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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