

Converting Colors

Hex(09A159)

Have a look what the booklet for
Hex(09A159) contains.

Hex(09A159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(09A159)

Conversions

Conversions Part 1

Format	Color
Hex	09A159
RGB	9, 161, 89
RGB Percent	4%, 63%, 35%
CMY	0.9647, 0.3686, 0.6510
CMYK	0.94, 0.00, 0.45, 0.37
HSL	152°, 89%, 33%
HSV	152°, 94%, 63%
XYZ	14.6607, 26.2691, 13.7489
YIQ	107.3440, -67.4800, -54.6160

Conversions

Conversions Part 2

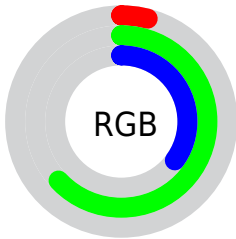
Format	Color
RYB	9, 109, 161
Decimal	631129
CIELab	58.29, -52.07, 27.75
CIELCh	58, 59.007, 151.946
Yxy	26.2691, 0.2681, 0.4804
Android (android.graphics.Color)	4278821209 (0xFF09A159)
YUV	107.3440, -9.0436, -86.2477
Hunter-Lab	51.2534, -38.6346, 19.9726

Details

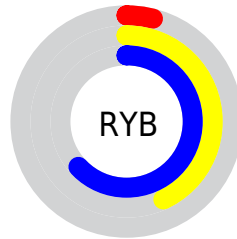
The Hex color **09A159** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A10951**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5BD98C**, and **006C2A** is the 20% darker color. If you saturate the color by 10%, you get **00A155**, and if you desaturate by 10%, it is **19A161**.

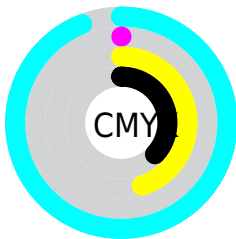
Distribution



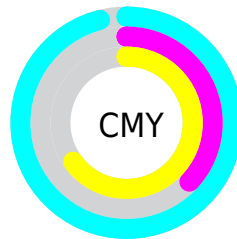
- Red (4%)
- Green (63%)
- Blue (35%)



- Red (4%)
- Yellow (43%)
- Blue (63%)



- Cyan (94%)
- Magenta (0%)
- Yellow (45%)
- Black (37%)



- Cyan (96%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09A159 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 09A159 by changing the saturation by 10% instead.

 09A159

 09A159

FFFFFF

 008641

 5BD98C

 006C2A

 79F6A7

 005213

 97FFC2

 003A00

 B4FFDE

 002400

 D2FFFB

 000000

 F0FFFF

 09A159

 09A159

 00A155

 19A161

 29A168

 39A170

 49A178

 5AA17F

 6AA187

 7AA18E

 8AA196

 9AA19E

Harmonies

Analogous

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



6F992C



09A159



00A58E

Triad

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



09A159



0091F4



E56358

Complementary

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



09A159



A10951

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.



E85A8B



09A159



917DE4

Square

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



09A159



009EE7



CD66BE



CC772E

Rectangle

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



09A159



00A5B1



CD66BE



E95E69

Sweetspot

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



09A159



97D1B5



52A109



456958



E8E8E8



696969

Same Dimension

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



09A159



00D16E



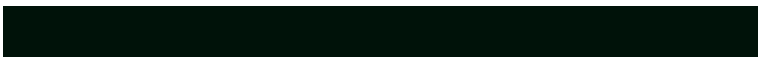
099EA1



49524E



00914C



001209

Inverse Universe

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



A10951



D10063



A10C09



52494D



910045



120008

Previews

White Background



This preview shows how the Hex color 09A159 looks on a white background.

Color Contrast Check

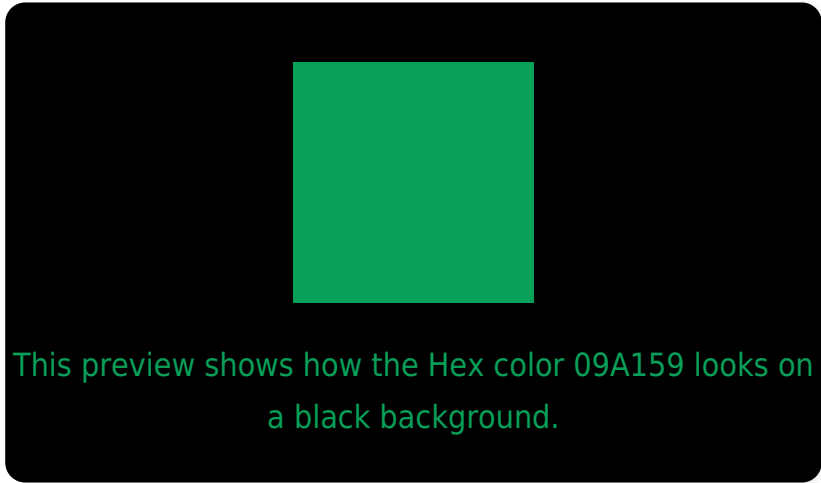
Large Text (above 18pt) WCAG AA ✓ Pass

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 09A159 Background



This preview shows how black text looks on a background with the Hex color 09A159.

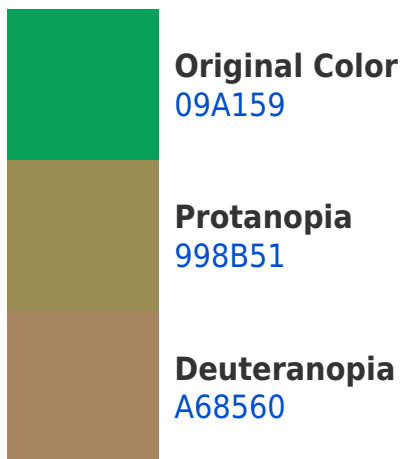


This preview shows how white text looks on a background with the Hex color 09A159.

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
3C98A5

Trichromacy



Original Color
09A159



Protanomaly
659354



Deuteranomaly
6D8F5D



Tritanomaly
299B89

Monochromacy



Original Color
09A159



Achromatopsia
6B6B6B



Achromatomaly
477F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 09A159 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 #09A159 looks like.

```
.text, #text, p{  
    color:#09A159  
}
```

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 #09A159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09A159
}
```

Border

The CSS property to change the border of an element to Hex 09A159 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
#09A159 }
```

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

```
.border{ border-color:#09A159 }
```

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

Here you see how a box with a 4 pixel #09A159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09A159; -webkit-box-shadow:4px 4px  
4px 4px #09A159; box-shadow:4px 4px 4px  
4px #09A159 }
```

Background

The CSS property to change the background color of an element to Hex 09A159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09A159 }
```

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

```
.background{ background-color:#09A159 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor