

# Converting Colors

Hex(9EA76A)

Have a look what the booklet for  
Hex(9EA76A) contains.

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**Color**

**Hex(9EA76A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EA76A
RGB	158, 167, 106
RGB Percent	62%, 65%, 42%
CMY	0.3804, 0.3451, 0.5843
CMYK	0.05, 0.00, 0.37, 0.35
HSL	69°, 26%, 54%
HSV	69°, 37%, 65%
XYZ	30.5208, 35.9471, 18.9655
YIQ	157.3550, 14.2170, -20.8790

# Conversions

## Conversions Part 2

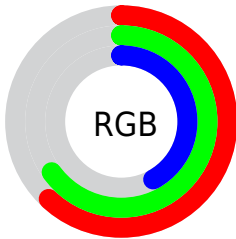
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 167, 115</a>
Decimal	<a href="#">10397546</a>
CIELab	<a href="#">66.48, -13.12, 30.51</a>
CIELCh	<a href="#">66, 33.214, 113.274</a>
Yxy	<a href="#">35.9471, 0.3572, 0.4208</a>
Android (android.graphics.Color)	<a href="#">4288587626 (0xFF9EA76A)</a>
YUV	<a href="#">157.3550, -25.3180, 0.5657</a>
Hunter-Lab	<a href="#">59.9559, -14.0568, 23.2143</a>

# Details

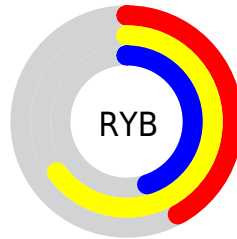
The Hex color **9EA76A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **736AA7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D5DE9E**, and **6A7339** is the 20% darker color. If you saturate the color by 10%, you get **9CA759**, and if you desaturate by 10%, it is **A0A77B**.

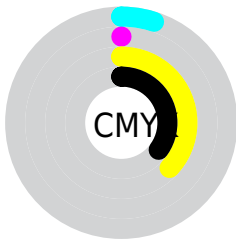
# Distribution



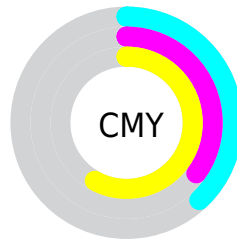
- Red (62%)
- Green (65%)
- Blue (42%)



- Red (42%)
- Yellow (65%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EA76A 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 9EA76A by changing the saturation by 10% instead.





9EA76A



9EA76A

FFFFFF



838D51



D5DE9E



6A7339



F2FBB9



515B22



FFFFD5



38430B



FFFFFF



232D00



021900



000000



9EA76A



9EA76A



9CA759



A0A77B

99A749

A3A78B

97A738

A5A79C

94A727

A8A7AD

92A716

AAA7BD

8FA706

ADA7CE

8EA700

AFA7DF

B2A7F0

B4A7FF

# Harmonies

## Analogous

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



BC9E66



9EA76A



7BAE7D

# Triad

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



9EA76A



41AED1



D78BAA

# Complementary

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



9EA76A



736AA7

# 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.



C192C6



9EA76A



6DA7DC

# Square

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



9EA76A



38B2B8



9C9CD8



DC8C8C

# Rectangle

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



9EA76A



63B190



9C9CD8



D28DB4



# Sweetspot

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



9EA76A



D5D9C1



A7726A



6C6E5F



EDEDED



6E6E6E



# Same Dimension

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



9EA76A



CBD979



80A76A



53544C



7E9400



111400



# Inverse Universe

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



736AA7



8779D9



916AA7



4D4C54



160094



030014



# Previews

## White Background



This preview shows how the Hex color 9EA76A looks on a white background.

## Color Contrast Check

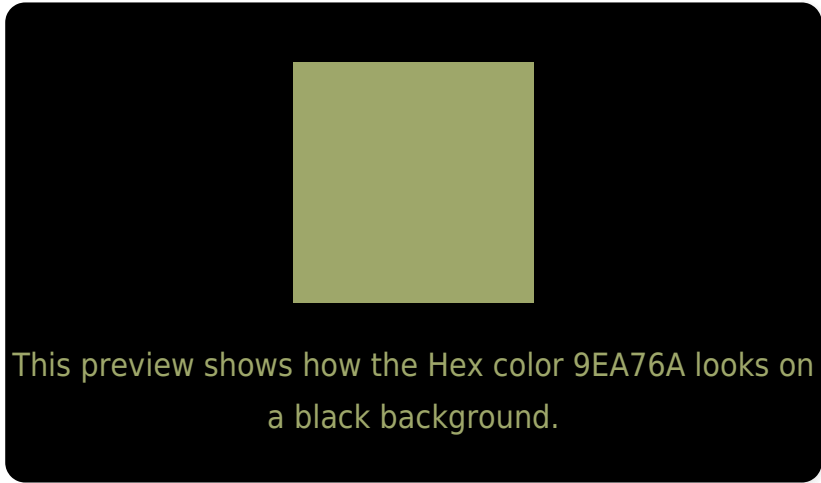
Large Text (above 18pt) WCAG AA × Fail

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

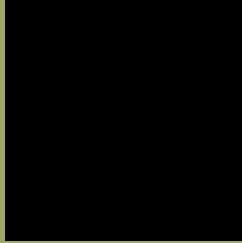
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EA76A Background



This preview shows how black text looks on a background with the Hex color 9EA76A.



This preview shows how white text looks on a background with the Hex color 9EA76A.

# 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



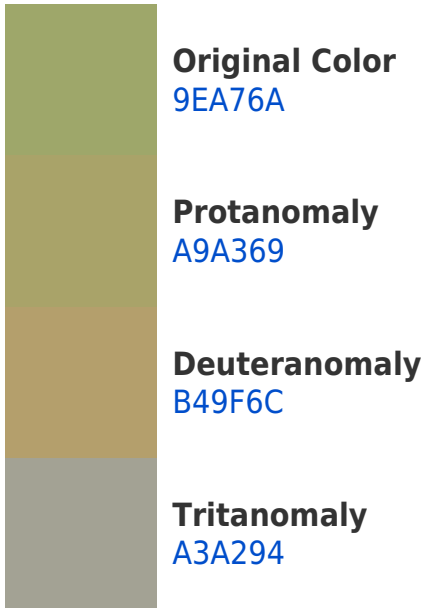
**Original Color**  
9EA76A

**Protanopia**  
B0A168

**Deuteranopia**  
C19A6D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EA76A 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 #9EA76A looks like.

```
.text, #text, p{  
    color:#9EA76A  
}
```

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 #9EA76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA76A
}
```

## Border

The CSS property to change the border of an element to Hex 9EA76A 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
#9EA76A }
```

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

```
.border{ border-color:#9EA76A }
```

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

Here you see how a box with a 4 pixel #9EA76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA76A; -webkit-box-shadow:4px 4px  
4px 4px #9EA76A; box-shadow:4px 4px 4px  
4px #9EA76A }
```

# Background

The CSS property to change the background color of an element to Hex 9EA76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA76A }
```

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

```
.background{ background-color:#9EA76A }
```

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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