

# Converting Colors

Hex(9AA46D)

Have a look what the booklet for  
Hex(9AA46D) contains.

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**Color**

**Hex(9AA46D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AA46D
RGB	154, 164, 109
RGB Percent	60%, 64%, 43%
CMY	0.3961, 0.3569, 0.5725
CMYK	0.06, 0.00, 0.34, 0.36
HSL	71°, 23%, 54%
HSV	71°, 34%, 64%
XYZ	29.3622, 34.5251, 19.5845
YIQ	154.7400, 11.6950, -19.2250

# Conversions

## Conversions Part 2

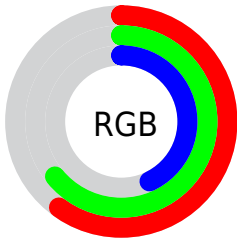
Format	Color
<a href="#">RYB</a>	<a href="#">109, 164, 119</a>
Decimal	<a href="#">10134637</a>
CIELab	<a href="#">65.38, -12.76, 27.41</a>
CIELCh	<a href="#">65, 30.234, 114.966</a>
Yxy	<a href="#">34.5251, 0.3518, 0.4136</a>
Android (android.graphics.Color)	<a href="#">4288324717 (0xFF9AA46D)</a>
YUV	<a href="#">154.7400, -22.5498, -0.6490</a>
Hunter-Lab	<a href="#">58.7580, -13.6277, 21.3689</a>

# Details

The Hex color **9AA46D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **776DA4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D1DBA1**, and **66703C** is the 20% darker color. If you saturate the color by 10%, you get **97A45D**, and if you desaturate by 10%, it is **9DA47D**.

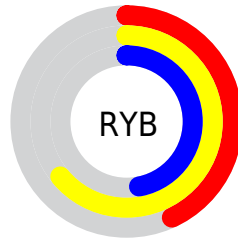
# Distribution



Red (60%)

Green (64%)

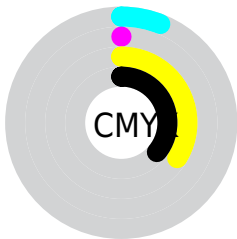
Blue (43%)



Red (43%)

Yellow (64%)

Blue (47%)

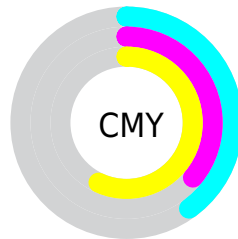


Cyan (6%)

Magenta (0%)

Yellow (34%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA46D 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 9AA46D by changing the saturation by 10% instead.





9AA46D



9AA46D

FFFFFF



808A54



D1DBA1



66703C



EEF7BC



4D5826



FFFFD8



36410F



FFFFF5



212A00



001700



000000



9AA46D



9AA46D



97A45D



9DA47D

94A44C

A0A48E

91A43C

A3A49E

8EA42B

A6A4AF

8BA41B

A9A4BF

88A40B

ACA4CF

86A400

AFA4E0

B2A4F0

B5A4FF

# Harmonies

## Analogous

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



B69B69



9AA46D



7BAA7F

# Triad

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



9AA46D



4FAACA



D08BA4

# Complementary

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



9AA46D



776DA4

# 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.



BD90BE



9AA46D



73A3D4

# Square

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



9AA46D



45ADB5



9C99D0



D48C89

# Rectangle

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



9AA46D



65AD90



9C99D0



CB8CAE



# Sweetspot

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



9AA46D



D2D6C1



A4766D



696B5E



EBEBEB



6B6B6B



# Same Dimension

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



9AA46D



C7D681



7FA46D



505249



779100



0F1200



# Inverse Universe

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



776DA4



9081D6



926DA4



4B4952



1A0091



030012



# Previews

## White Background



This preview shows how the Hex color 9AA46D looks on a white background.

## Color Contrast Check

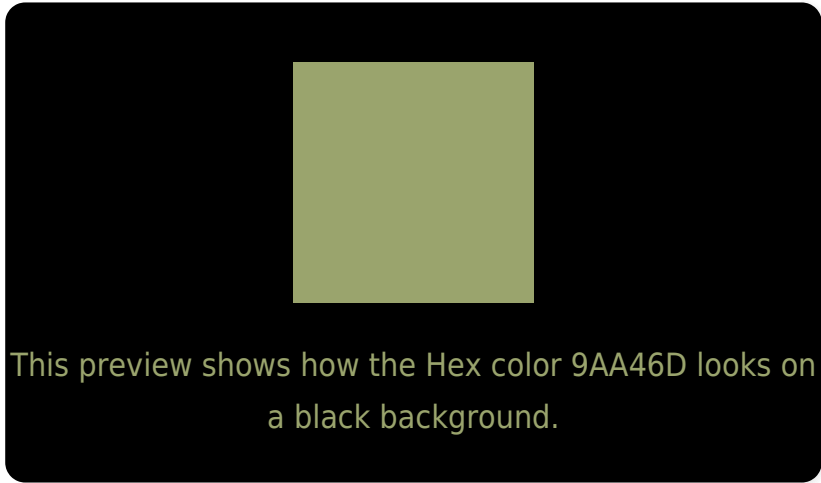
Large Text (above 18pt) WCAG AA × Fail

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

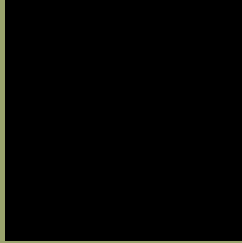
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AA46D Background



This preview shows how black text looks on a background with the Hex color 9AA46D.



This preview shows how white text looks on a background with the Hex color 9AA46D.

# 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**  
9AA46D

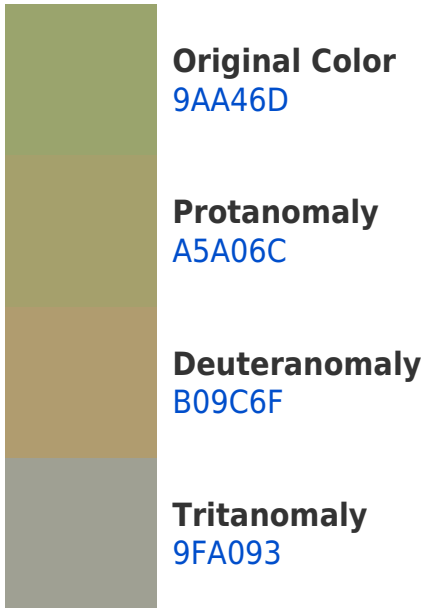
**Protanopia**  
AC9E6B

**Deuteranopia**  
BD9870

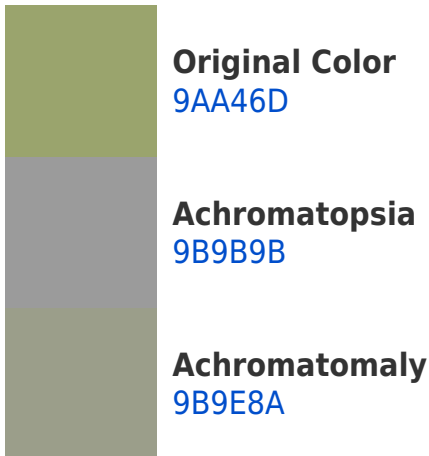


**Tritanopia**  
A29DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA46D 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 #9AA46D looks like.

```
.text, #text, p{  
    color:#9AA46D  
}
```

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 #9AA46D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA46D
}
```

## Border

The CSS property to change the border of an element to Hex 9AA46D 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
#9AA46D }
```

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

```
.border{ border-color:#9AA46D }
```

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

Here you see how a box with a 4 pixel #9AA46D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA46D; -webkit-box-shadow:4px 4px  
4px 4px #9AA46D; box-shadow:4px 4px 4px  
4px #9AA46D }
```

# Background

The CSS property to change the background color of an element to Hex 9AA46D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA46D }
```

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

```
.background{ background-color:#9AA46D }
```

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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