

Converting Colors

Hex(9EA849)

Have a look what the booklet for
Hex(9EA849) contains.

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Color

Hex(9EA849)

Conversions

Conversions Part 1

Format	Color
Hex	9EA849
RGB	158, 168, 73
RGB Percent	62%, 66%, 29%
CMY	0.3804, 0.3412, 0.7137
CMYK	0.06, 0.00, 0.57, 0.34
HSL	66°, 39%, 47%
HSV	66°, 57%, 66%
XYZ	29.3058, 35.7554, 11.6602
YIQ	154.1800, 24.5350, -31.6650

Conversions

Conversions Part 2

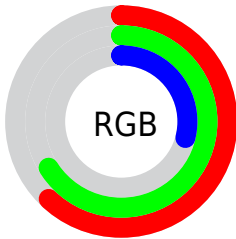
Format	Color
RYB	73, 168, 83
Decimal	10397769
CIELab	66.33, -17.10, 46.98
CIELCh	66, 49.991, 109.998
Yxy	35.7554, 0.3820, 0.4660
Android (android.graphics.Color)	4288587849 (0xFF9EA849)
YUV	154.1800, -40.0217, 3.3501
Hunter-Lab	59.7958, -17.1603, 30.2955

Details

The Hex color **9EA849** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5349A8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D6DF7D**, and **687414** is the 20% darker color. If you saturate the color by 10%, you get **9CA838**, and if you desaturate by 10%, it is **A0A85A**.

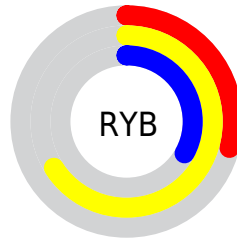
Distribution



Red (62%)

Green (66%)

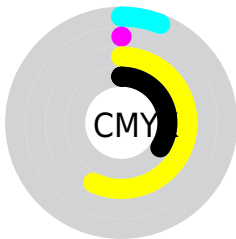
Blue (29%)



Red (29%)

Yellow (66%)

Blue (33%)

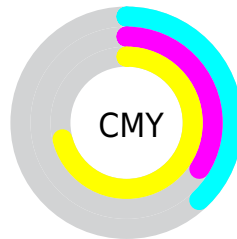


Cyan (6%)

Magenta (0%)

Yellow (57%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA849 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 9EA849 by changing the saturation by 10% instead.



9EA849



9EA849

FFFFFF



838E2F



D6DF7D



687414



F4FC98



4E5C00



FFFFB3



364400



FFFFCF



1C2E00



FFF FEC



001B00



000000



9EA849



9EA849



9CA838



A0A85A

 9AA827

 A2A86B

 99A817

 A3A87B

 97A806

 A5A88C

 96A800

 A7A89D

 A9A8AE

 AAA8BF

 ACA8CF

 AEA8E0

Harmonies

Analogous

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



C89A46



9EA849



69B265

Triad

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



9EA849



00B4E5



ED7DB2

Complementary

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



9EA849



5349A8

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.



CA8ADB



9EA849



00AAF9

Square

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



9EA849



00B8BF



8C9BF6



F67D85

Rectangle

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



9EA849



37B681



8C9BF6



E480C1

Sweetspot

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



9EA849



D7DBB6



A85249



6B6E58



EDEDED



6E6E6E

Same Dimension

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



9EA849



CCDB46



6FA849



53544C



849400



121400

Inverse Universe

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



5349A8



5646DB



8249A8



4D4C54



100094



020014

Previews

White Background



This preview shows how the Hex color 9EA849 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 9EA849 Background



This preview shows how black text looks on a background with the Hex color 9EA849.



This preview shows how white text looks on a background with the Hex color 9EA849.

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
9EA849

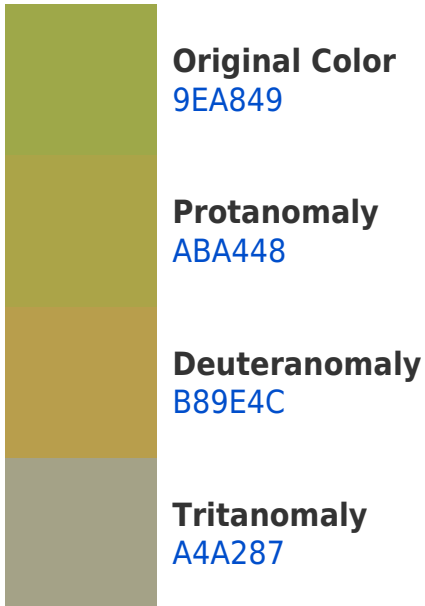
Protanopia
B3A147

Deuteranopia
C7994D

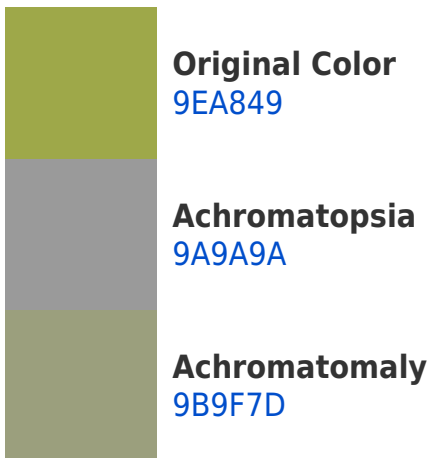


Tritanopia
A89EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA849 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 #9EA849 looks like.

```
.text, #text, p{  
    color:#9EA849  
}
```

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 #9EA849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA849  
}
```

Border

The CSS property to change the border of an element to Hex 9EA849 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  
#9EA849 }
```

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

```
.border{ border-color:#9EA849 }
```

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

Here you see how a box with a 4 pixel #9EA849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA849; -webkit-box-shadow:4px 4px  
4px 4px #9EA849; box-shadow:4px 4px 4px  
4px #9EA849 }
```

Background

The CSS property to change the background color of an element to Hex 9EA849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA849 }
```

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

```
.background{ background-color:#9EA849 }
```

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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