

Converting Colors

Hex(9DAA45)

Have a look what the booklet for
Hex(9DAA45) contains.

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Color

Hex(9DAA45)

Conversions

Conversions Part 1

Format	Color
Hex	9DAA45
RGB	157, 170, 69
RGB Percent	62%, 67%, 27%
CMY	0.3843, 0.3333, 0.7294
CMYK	0.08, 0.00, 0.59, 0.33
HSL	68°, 42%, 47%
HSV	68°, 59%, 67%
XYZ	29.3535, 36.3472, 11.0988
YIQ	154.5990, 24.6730, -34.1670

Conversions

Conversions Part 2

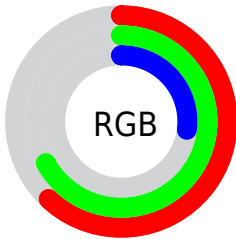
Format	Color
RYB	69, 170, 82
Decimal	10332741
CIELab	66.78, -18.86, 49.31
CIELCh	67, 52.789, 110.932
Yxy	36.3472, 0.3822, 0.4733
Android (android.graphics.Color)	4288522821 (0xFF9DAA45)
YUV	154.5990, -42.2003, 2.1057
Hunter-Lab	60.2887, -18.5965, 31.2871

Details

The Hex color **9DAA45** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5245AA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D6E179**, and **67760D** is the 20% darker color. If you saturate the color by 10%, you get **9BAA34**, and if you desaturate by 10%, it is **9FAA56**.

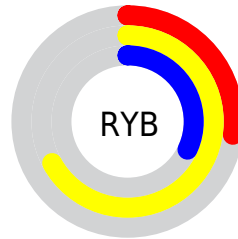
Distribution



Red (62%)

Green (67%)

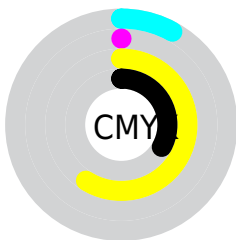
Blue (27%)



Red (27%)

Yellow (67%)

Blue (32%)

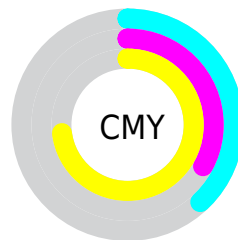


Cyan (8%)

Magenta (0%)

Yellow (59%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DAA45 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 9DAA45 by changing the saturation by 10% instead.



9DAA45



9DAA45

FFFFFF



82902B



D6E179



67760D



F3FE94



4D5D00



FFFFAF



344600



FFFFCB



1A2F00



FFFFE8



001C00



000000



9DAA45



9DAA45



9BAA34



9FAA56

■ 99AA23

■ A1AA67

■ 96AA12

■ A4AA78

■ 94AA01

■ A6AA89

■ 94AA00

■ A8AA9A

■ AAAAAAB

■ ACAABC

■ AFAACD

■ B1AADE

Harmonies

Analogous

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



CA9B41



9DAA45



64B464

Triad

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



9DAA45



00B6EB



F37BB3

Complementary

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



9DAA45



5245AA

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.



CF89DF



9DAA45



00ACFF

Square

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



9DAA45



00BAC3



8D9CFB



FB7B83

Rectangle

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



9DAA45



26B882



8D9CFB



EA7EC3

Sweetspot

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



9DAA45



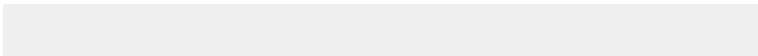
D9DEB6



AA5145



6D7058



F0F0F0



707070

Same Dimension

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



9DAA45



CADE40



6CAA45



53544C



819400



121400

Inverse Universe

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



5245AA



5540DE



8345AA



4D4C54



130094



030014

Previews

White Background



This preview shows how the Hex color 9DAA45 looks on a white background.

Color Contrast Check

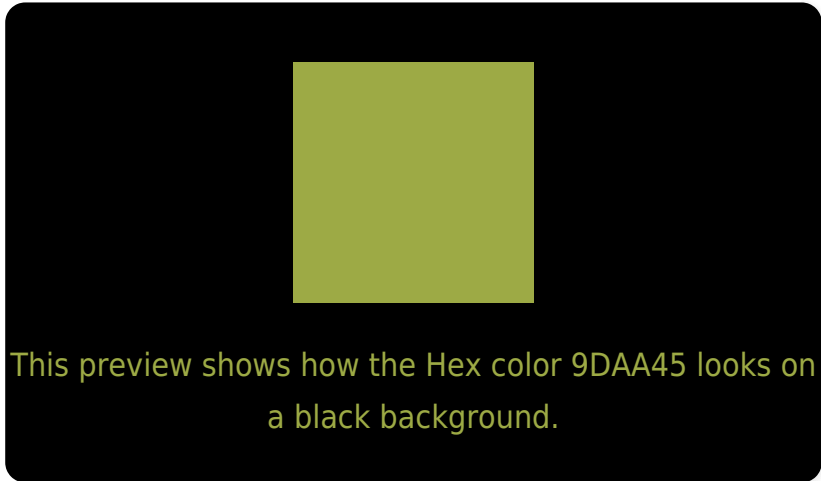
Large Text (above 18pt) WCAG AA × Fail

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

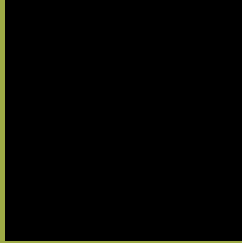
Any Text WCAG AA ✓ Pass

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 9DAA45 Background



This preview shows how black text looks on a background with the Hex color 9DAA45.



This preview shows how white text looks on a background with the Hex color 9DAA45.

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

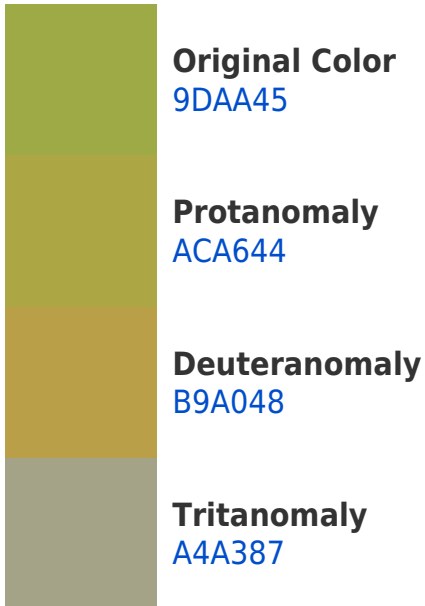


Original Color
9DAA45

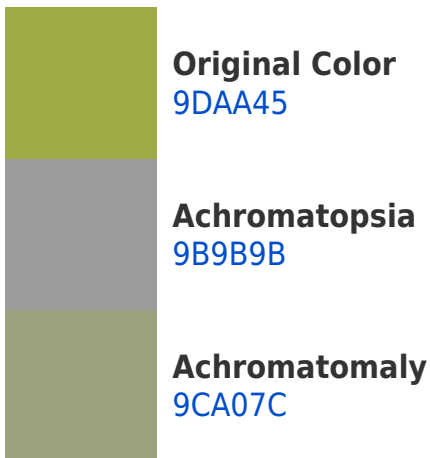
Protanopia
B5A343

Deuteranopia
C99A4A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DAA45 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 #9DAA45 looks like.

```
.text, #text, p{  
    color:#9DAA45  
}
```

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 #9DAA45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DAA45
}
```

Border

The CSS property to change the border of an element to Hex 9DAA45 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
#9DAA45 }
```

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

```
.border{ border-color:#9DAA45 }
```

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

Here you see how a box with a 4 pixel #9DAA45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DAA45; -webkit-box-shadow:4px 4px  
4px 4px #9DAA45; box-shadow:4px 4px 4px  
4px #9DAA45 }
```

Background

The CSS property to change the background color of an element to Hex 9DAA45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DAA45 }
```

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

```
.background{ background-color:#9DAA45 }
```

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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