

Converting Colors

Hex(9DA549)

Have a look what the booklet for
Hex(9DA549) contains.

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Color

Hex(9DA549)

Conversions

Conversions Part 1

Format	Color
Hex	9DA549
RGB	157, 165, 73
RGB Percent	62%, 65%, 29%
CMY	0.3843, 0.3529, 0.7137
CMYK	0.05, 0.00, 0.56, 0.35
HSL	65°, 39%, 47%
HSV	65°, 56%, 65%
XYZ	28.5624, 34.5594, 11.4686
YIQ	152.1200, 24.7640, -30.3080

Conversions

Conversions Part 2

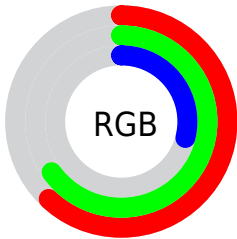
Format	Color
RYB	73, 165, 81
Decimal	10331465
CIELab	65.40, -15.97, 45.90
CIELCh	65, 48.600, 109.190
Yxy	34.5594, 0.3829, 0.4633
Android (android.graphics.Color)	4288521545 (0xFF9DA549)
YUV	152.1200, -39.0062, 4.2798
Hunter-Lab	58.7872, -16.1517, 29.5844

Details

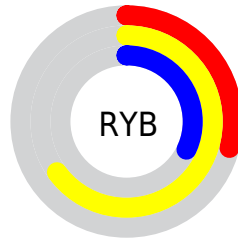
The Hex color **9DA549** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5149A5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D5DC7D**, and **677115** is the 20% darker color. If you saturate the color by 10%, you get **9CA538**, and if you desaturate by 10%, it is **9EA559**.

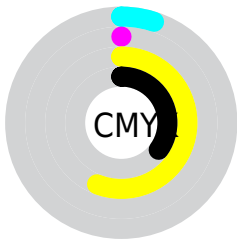
Distribution



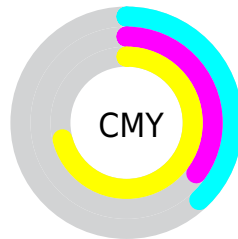
- Red (62%)
- Green (65%)
- Blue (29%)



- Red (29%)
- Yellow (65%)
- Blue (32%)



- Cyan (5%)
- Magenta (0%)
- Yellow (56%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DA549 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 9DA549 by changing the saturation by 10% instead.



9DA549



9DA549

FFFFFF



828B30



D5DC7D



677115



F2F897



4D5900



FFFFB3



354200



FFFFCF



1C2C00



FFFEB



001900



000000



9DA549



9DA549



9CA538



9EA559

 9AA528

 A0A56A

 99A517

 A1A57A

 97A507

 A3A58B

 97A500

 A4A59B

 A6A5AC

 A7A5BC

 A8A5CD

 AAA5DD

Harmonies

Analogous

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



C69747



9DA549



6AAF64

Triad

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



9DA549



00B1E0



E77CB0

Complementary

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



9DA549



5149A5

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.



C588D8



9DA549



03A8F4

Square

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



9DA549



00B5BA



889AF1



F17B85

Rectangle

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



9DA549



3BB37E



889AF1



DF7FBF

Sweetspot

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



9DA549



D3D6B2



A55149



696B56



EBEBEB



6B6B6B

Same Dimension

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



9DA549



CAD647



6FA549



515249



859100



101200

Inverse Universe

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



5149A5



5347D6



7F49A5



4A4952



0D0091



020012

Previews

White Background



This preview shows how the Hex color 9DA549 looks on a white background.

Color Contrast Check

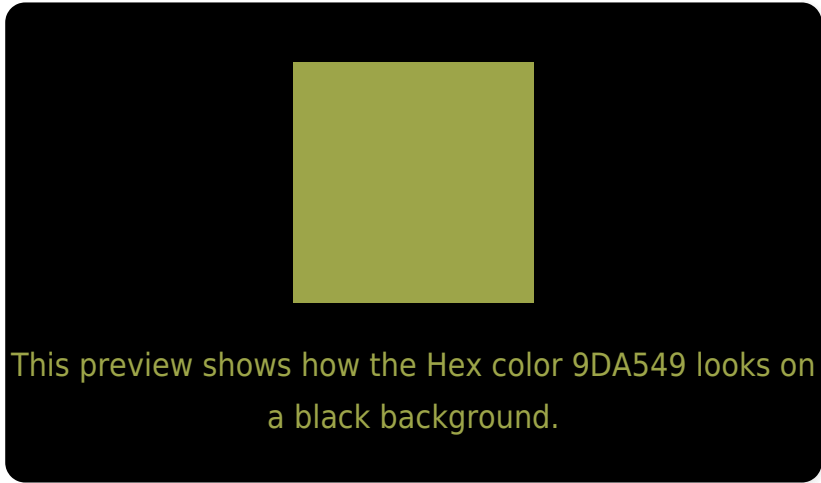
Large Text (above 18pt) WCAG AA × Fail

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 9DA549 Background



This preview shows how black text looks on a background with the Hex color 9DA549.



This preview shows how white text looks on a background with the Hex color 9DA549.

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
9DA549

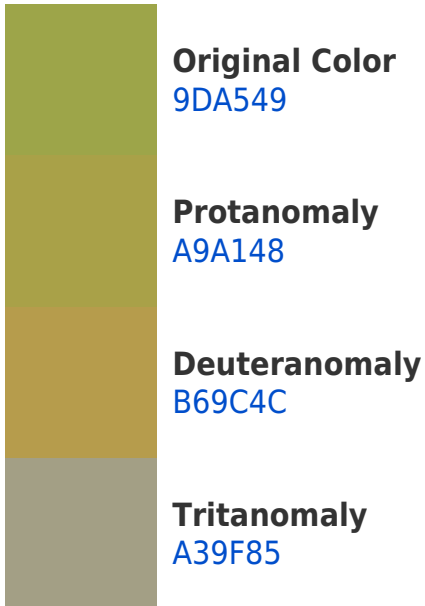
Protanopia
B09F47

Deuteranopia
C4974D

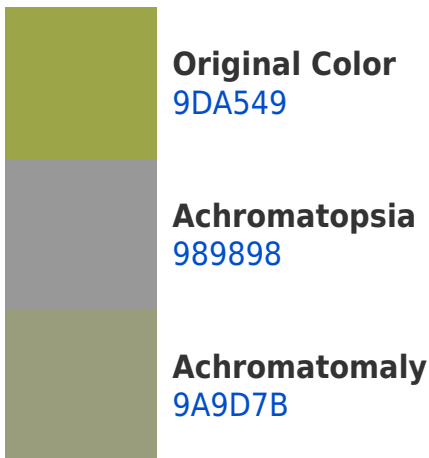


Tritanopia
A79BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DA549 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 #9DA549 looks like.

```
.text, #text, p{  
    color:#9DA549  
}
```

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 #9DA549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA549
}
```

Border

The CSS property to change the border of an element to Hex 9DA549 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
#9DA549 }
```

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

```
.border{ border-color:#9DA549 }
```

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

Here you see how a box with a 4 pixel #9DA549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA549; -webkit-box-shadow:4px 4px  
4px 4px #9DA549; box-shadow:4px 4px 4px  
4px #9DA549 }
```

Background

The CSS property to change the background color of an element to Hex 9DA549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA549 }
```

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

```
.background{ background-color:#9DA549 }
```

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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