

# Converting Colors

Hex(9DA53E)

Have a look what the booklet for  
Hex(9DA53E) contains.

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# Color

Hex(9DA53E)

# Conversions

## Conversions Part 1

Format	Color
Hex	9DA53E
RGB	157, 165, 62
RGB Percent	62%, 65%, 24%
CMY	0.3843, 0.3529, 0.7569
CMYK	0.05, 0.00, 0.62, 0.35
HSL	65°, 45%, 45%
HSV	65°, 62%, 65%
XYZ	28.2293, 34.4262, 9.7145
YIQ	150.8660, 28.2950, -33.7290

# Conversions

## Conversions Part 2

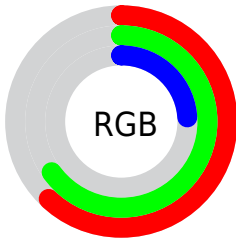
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 165, 70</a>
Decimal	<a href="#">10331454</a>
CIELab	<a href="#">65.30, -16.83, 50.80</a>
CIELCh	<a href="#">65, 53.518, 108.329</a>
Yxy	<a href="#">34.4262, 0.3901, 0.4757</a>
Android (android.graphics.Color)	<a href="#">4288521534</a> ( <a href="#">0xFF9DA53E</a> )
YUV	<a href="#">150.8660, -43.8109, 5.3795</a>
Hunter-Lab	<a href="#">58.6738, -16.7989, 31.2551</a>

# Details

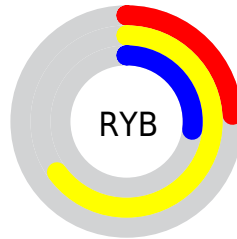
The Hex color **9DA53E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **463EA5**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D6DC72**, and **677100** is the 20% darker color. If you saturate the color by 10%, you get **9CA52D**, and if you desaturate by 10%, it is **9EA54E**.

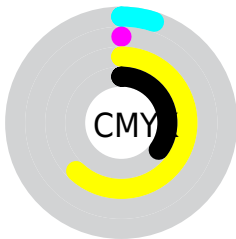
# Distribution



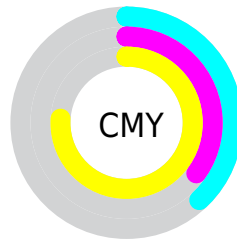
- Red (62%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (27%)



- Cyan (5%)
- Magenta (0%)
- Yellow (62%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DA53E 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 9DA53E by changing the saturation by 10% instead.





9DA53E



9DA53E

FFFFFF



828B23



D6DC72



677100



F3F88D



4D5900



FFFFA8



344200



FFFFC4



1A2C00



FFFFE1



001900

FFFFFFE



000000



9DA53E



9DA53E



9CA52D



9EA54E

■ 9AA51D

■ A0A55F

■ 99A50C

■ A1A56F

■ 98A500

■ A2A580

■ A3A590

■ A5A5A1

■ A6A5B1

■ A7A5C2

■ A9A5D2

# Harmonies

## Analogous

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



C9953D



9DA53E



65B05C

# Triad

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



9DA53E



00B3E5



ED77B3

# Complementary

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



9DA53E



463EA5

# 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.



C786DF



9DA53E



00A9FC

# Square

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



9DA53E



00B6BB



8199FA



F87683

# Rectangle

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



9DA53E



29B479



8199FA



E47BC3



# Sweetspot

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



9DA53E



D3D6AE



A5453E



696B52



EBEBEB



6B6B6B



# Same Dimension

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



9DA53E



CAD636



6BA53E



515249



869100



101200



# Inverse Universe

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



463EA5



4236D6



783EA5



4A4952



0B0091



010012



# Previews

## White Background



This preview shows how the Hex color 9DA53E looks on a white background.

## Color Contrast Check

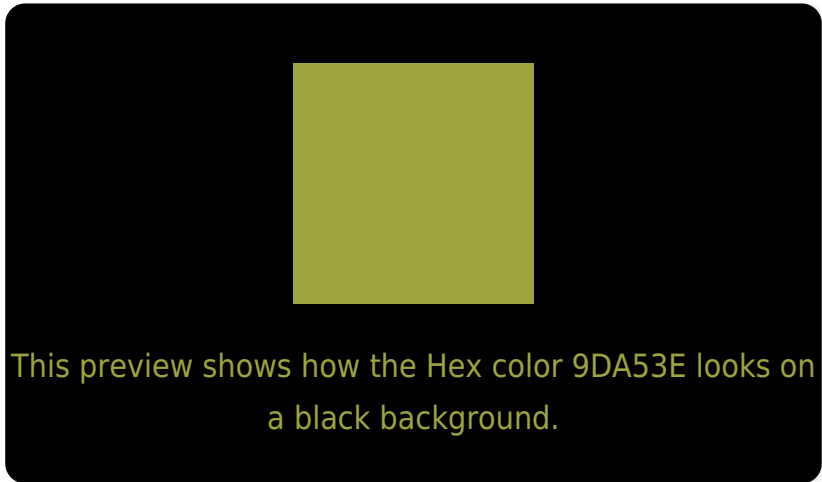
Large Text (above 18pt) WCAG AA × Fail

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 9DA53E Background



This preview shows how black text looks on a background with the Hex color 9DA53E.

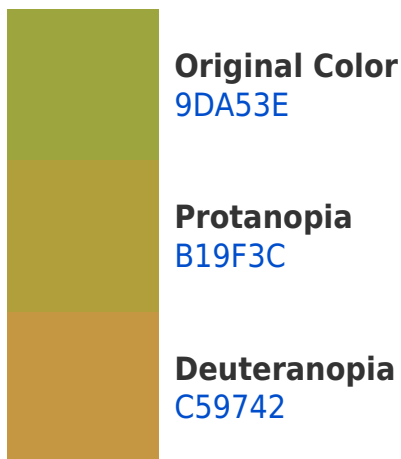


This preview shows how white text looks on a background with the Hex color 9DA53E.

# 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](#).

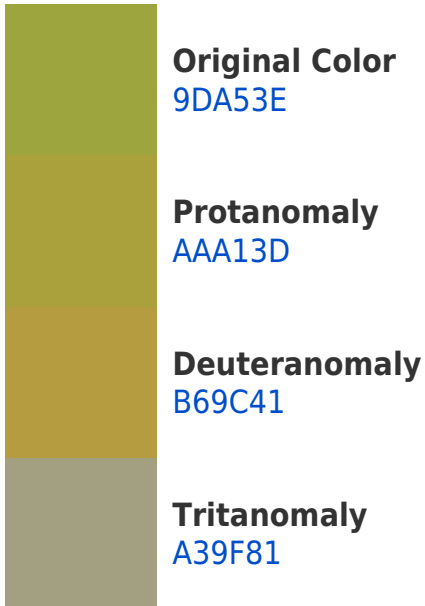
## Dichromacy





**Tritanopia**  
A79BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DA53E 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 #9DA53E looks like.

```
.text, #text, p{  
    color:#9DA53E  
}
```

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 #9DA53E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA53E
}
```

## Border

The CSS property to change the border of an element to Hex 9DA53E 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
#9DA53E }
```

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

```
.border{ border-color:#9DA53E }
```

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

Here you see how a box with a 4 pixel #9DA53E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA53E; -webkit-box-shadow:4px 4px  
4px 4px #9DA53E; box-shadow:4px 4px 4px  
4px #9DA53E }
```

# Background

The CSS property to change the background color of an element to Hex 9DA53E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA53E }
```

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

```
.background{ background-color:#9DA53E }
```

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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