

# Converting Colors

Hex(8DA139)



Have a look what the booklet for  
Hex(8DA139) contains.

<b>Hex(8DA139)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29



# Color

**Hex(8DA139)**



# Conversions

Conversions Part 1	
Format	Color
Hex	8DA139
RGB	141, 161, 57
RGB Percent	55%, 63%, 22%
CMY	0.4471, 0.3686, 0.7765
CMYK	0.12, 0.00, 0.65, 0.37
HSL	72°, 48%, 43%
HSV	72°, 65%, 63%
XYZ	24.4679, 31.4479, 8.6513
YIQ	143.1640, 21.4640, -36.5840



# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">57, 161, 77</a>
Decimal	<a href="#">9281849</a>
CIELab	<a href="#">62.88, -21.95, 50.03</a>
CIELCh	<a href="#">63, 54.628, 113.688</a>
Yxy	<a href="#">31.4479, 0.3790, 0.4871</a>
Android (android.graphics.Color)	<a href="#">4287471929</a> (0xFF8DA139)
YUV	<a href="#">143.1640, -42.4789, -1.8978</a>
Hunter-Lab	<a href="#">56.0784, -20.2548, 30.1081</a>



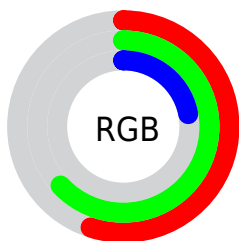
# Details

The Hex color **8DA139** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4D39A1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C5D86D**, and **586D00** is the 20% darker color. If you saturate the color by 10%, you get **8AA129**, and if you desaturate by 10%, it is **90A149**.



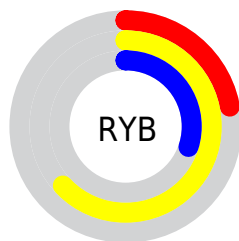
# Distribution



Red (55%)

Green (63%)

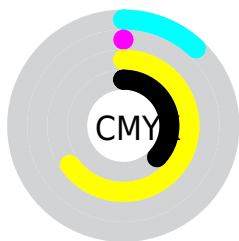
Blue (22%)



Red (22%)

Yellow (63%)

Blue (30%)

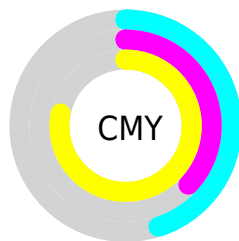


Cyan (12%)

Magenta (0%)

Yellow (65%)

Black (37%)



Cyan (45%)

Magenta (37%)

Yellow (78%)



# Brightness & Saturation Gradients

These gradients show how the Hex color 8DA139 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 8DA139 by changing the saturation by 10% instead.



 8DA139

 8DA139

FFFFFF

 72871E

 C5D86D

 586D00

 E2F488

 3E5500

 FFFFA3

 253E00

 FFFFBF

 092800

 FFFFDB

 001200

 FFFFF8

 000000

 8DA139

 8DA139

 8AA129

 90A149



 87A119

 93A159

 84A109

 96A169

 82A100

 99A179

 9CA189

 A0A19A

 A3A1AA

 A6A1BA

 A9A1CA



# Harmonies

## Analogous

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



BC9232



8DA139



50AB5C



# Triad

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



8DA139



00ABE6



EB6DA5



# Complementary

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



8DA139



4D39A1



# 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.



CA7BD2



8DA139



00A1F9



# Square

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



8DA139



00B0BE



8990F1



F17074



# Rectangle

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



8DA139



00AE7B



8990F1



E371B5



# Sweetspot

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



8DA139



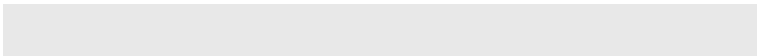
C9D1A9



A14C39



646951



E8E8E8



696969







# Same Dimension

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



8DA139



B2D12E



5AA139



505249



759100



0E1200







# Inverse Universe

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



4D39A1



4D2ED1



8039A1



4B4952



1C0091



030012







# Previews

## White Background



This preview shows how the Hex color 8DA139 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



This preview shows how the Hex color 8DA139 looks on a 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 8DA139 Background



This preview shows how black text looks on a background with the Hex color 8DA139.



This preview shows how white text looks on a background with the Hex color 8DA139.



# 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**

[8DA139](#)

**Protanopia**

[AA9837](#)

**Deuteranopia**





[BD903E](#)










# Trichromacy

	<b>Original Color</b> 8DA139
	<b>Protanomaly</b> 9F9B38
	<b>Deuteranomaly</b> AC963C
	<b>Tritanomaly</b> 949B7C

# Monochromacy

	<b>Original Color</b> 8DA139
	<b>Achromatopsia</b> 8F8F8F
	<b>Achromatomaly</b> 8E9670



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DA139 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 #8DA139 looks like.

```
.text, #text, p{  
    color:#8DA139  
}
```



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 #8DA139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA139
}
```

## Border

The CSS property to change the border of an element to Hex 8DA139 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
#8DA139 }
```



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

```
.border{ border-color:#8DA139 }
```

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

Here you see how a box with a 4 pixel #8DA139 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA139; -webkit-box-shadow:4px 4px  
4px 4px #8DA139; box-shadow:4px 4px 4px  
4px #8DA139 }
```



# Background

The CSS property to change the background color of an element to Hex 8DA139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA139 }
```

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

```
.background{ background-color:#8DA139 }
```

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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