

# Converting Colors

Hex(82943D)

Have a look what the booklet for  
Hex(82943D) contains.

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**Color**

**Hex(82943D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82943D
RGB	130, 148, 61
RGB Percent	51%, 58%, 24%
CMY	0.4902, 0.4196, 0.7608
CMYK	0.12, 0.00, 0.59, 0.42
HSL	72°, 42%, 41%
HSV	72°, 59%, 58%
XYZ	20.6381, 26.2626, 8.3963
YIQ	132.7000, 17.1990, -30.8730

# Conversions

## Conversions Part 2

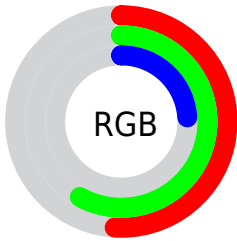
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 148, 79
Decimal	8557629
CIE <sub>Lab</sub>	58.29, -19.67, 42.95
CIE <sub>LCh</sub>	58, 47.240, 114.607
Yxy	26.2626, 0.3732, 0.4749
Android (android.graphics.Color)	4286747709 (0xFF82943D)
YUV	132.7000, -35.3481, -2.3679
Hunter-Lab	51.2470, -17.7970, 26.1588

# Details

The Hex color **82943D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4F3D94**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B9CA70**, and **4E6106** is the 20% darker color. If you saturate the color by 10%, you get **7F942E**, and if you desaturate by 10%, it is **85944C**.

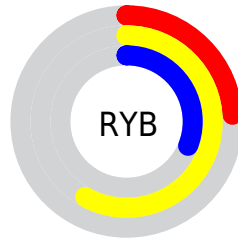
# Distribution



Red (51%)

Green (58%)

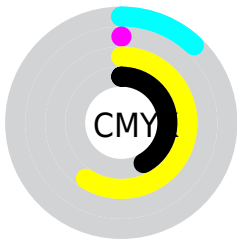
Blue (24%)



Red (24%)

Yellow (58%)

Blue (31%)

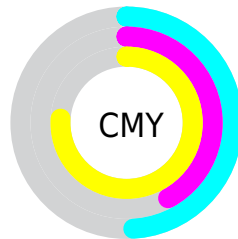


Cyan (12%)

Magenta (0%)

Yellow (59%)

Black (42%)



Cyan (49%)

Magenta (42%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82943D 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 82943D by changing the saturation by 10% instead.





82943D



82943D

FFFFFF



687A24



B9CA70



4E6106



D5E68A



354A00



F2FFA5



1D3300



FFFFC1



001F00



FFFFDD



000000



FFFFA



82943D



82943D



7F942E



85944C

■ 7C941F

■ 88945B

■ 799411

■ 8B9469

■ 769402

■ 8E9478

■ 759400

■ 919487

■ 949496

■ 9794A5

■ 9A94B3

■ 9E94C2

# Harmonies

## Analogous

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



AA8736



82943D



4F9C5A

# Triad

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



82943D



009CCF



D46995

# Complementary

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



82943D



4F3D94

# 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.



B874BD



82943D



1593DE

# Square

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



82943D



00A0AD



8284D7



D86B6C

# Rectangle

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



82943D



079F75



8284D7



CD6BA3



# Sweetspot

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



82943D



B8BF9D



944E3D



5C614C



E0E0E0



616161



# Same Dimension

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



82943D



A3BF37



57943D



484A43



6D8A00



080A00



# Inverse Universe

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



4F3D94



5437BF



7A3D94



44434A



1C008A



02000A



# Previews

## White Background



This preview shows how the Hex color 82943D looks on a white background.

## Color Contrast Check

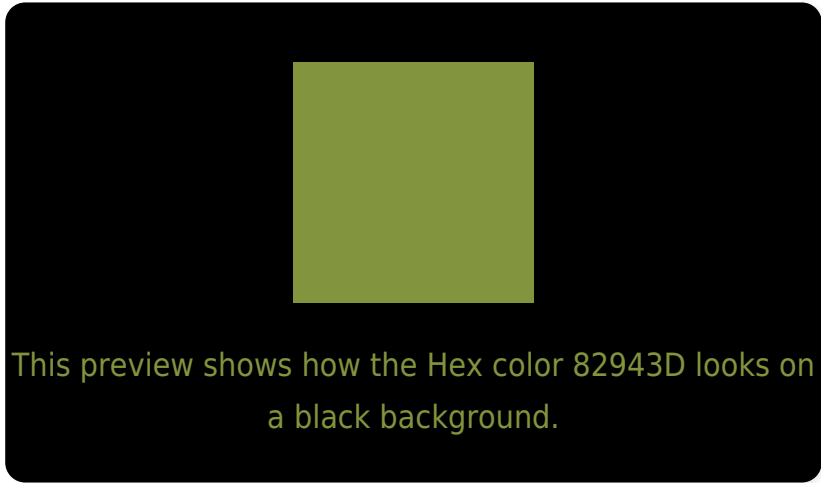
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82943D Background



This preview shows how black text looks on a background with the Hex color 82943D.



This preview shows how white text looks on a background with the Hex color 82943D.

# 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**  
82943D

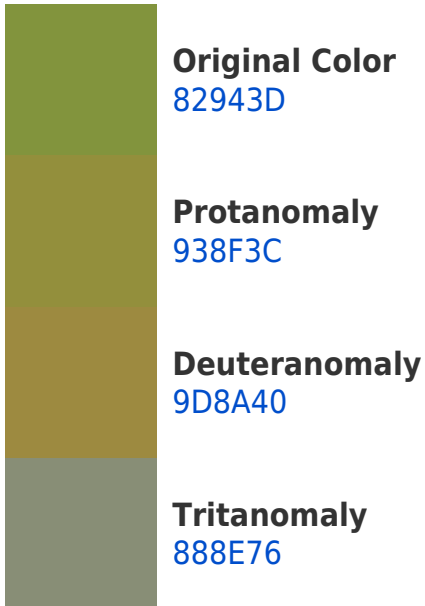
**Protanopia**  
9C8C3B

**Deuteranopia**  
AD8541

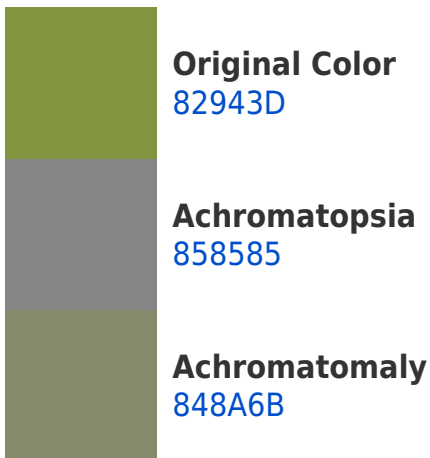


**Tritanopia**  
8C8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82943D 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 #82943D looks like.

```
.text, #text, p{  
    color:#82943D  
}
```

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 #82943D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82943D
}
```

## Border

The CSS property to change the border of an element to Hex 82943D 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
#82943D }
```

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

```
.border{ border-color:#82943D }
```

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

Here you see how a box with a 4 pixel #82943D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82943D; -webkit-box-shadow:4px 4px  
4px 4px #82943D; box-shadow:4px 4px 4px  
4px #82943D }
```

# Background

The CSS property to change the background color of an element to Hex 82943D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82943D }
```

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

```
.background{ background-color:#82943D }
```

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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