

# Converting Colors

Hex(86953D)

Have a look what the booklet for  
Hex(86953D) contains.

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**Color**

**Hex(86953D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86953D
RGB	134, 149, 61
RGB Percent	53%, 58%, 24%
CMY	0.4745, 0.4157, 0.7608
CMYK	0.10, 0.00, 0.59, 0.42
HSL	70°, 42%, 41%
HSV	70°, 59%, 58%
XYZ	21.4213, 26.9001, 8.4781
YIQ	134.4830, 19.3080, -30.5480

# Conversions

## Conversions Part 2

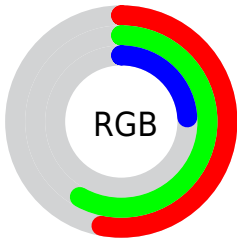
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 149, 76
Decimal	8820029
CIELab	58.88, -18.49, 43.70
CIElCh	59, 47.452, 112.929
Yxy	26.9001, 0.3771, 0.4736
Android (android.graphics.Color)	4287010109 (0xFF86953D)
YUV	134.4830, -36.2271, -0.4236
Hunter-Lab	51.8654, -17.0408, 26.6140

# Details

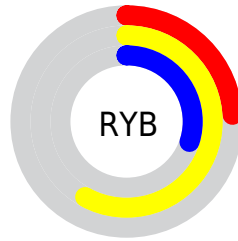
The Hex color **86953D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C3D95**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BDCB70**, and **526206** is the 20% darker color. If you saturate the color by 10%, you get **83952E**, and if you desaturate by 10%, it is **89954C**.

# Distribution



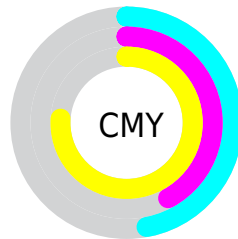
- Red (53%)
- Green (58%)
- Blue (24%)



- Red (24%)
- Yellow (58%)
- Blue (30%)



- Cyan (10%)
- Magenta (0%)
- Yellow (59%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86953D 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 86953D by changing the saturation by 10% instead.





86953D



86953D

FFFFFF



6C7B24



BDCB70



526206



D9E78A



394A00



F7FFA5



203400



FFFFC1



021F00



FFFFDD



000000



FFFFFFA



86953D



86953D



83952E



89954C

■ 81951F

■ 8B955B

■ 7E9510

■ 8E956A

■ 7C9501

■ 909579

■ 7C9500

■ 939588

■ 959596

■ 9895A5

■ 9A95B4

■ 9D95C3

# Harmonies

## Analogous

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



AE8838



86953D



539E59

# Triad

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



86953D



009ECF



D56B99

# Complementary

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



86953D



4C3D95

# 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.



B776C0



86953D



0095E0

# Square

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



86953D



00A2AD



8087DA



DB6C70

# Rectangle

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



86953D



17A174



8087DA



CE6DA7



# Sweetspot

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



86953D



BCC29F



954C3D



5D614C



E0E0E0



616161



# Same Dimension

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



86953D



AAC238



5A953D



494A43



728A00



080A00



# Inverse Universe

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



4C3D95



5038C2



783D95



44434A



17008A



02000A



# Previews

## White Background



This preview shows how the Hex color 86953D looks on a white background.

## Color Contrast Check

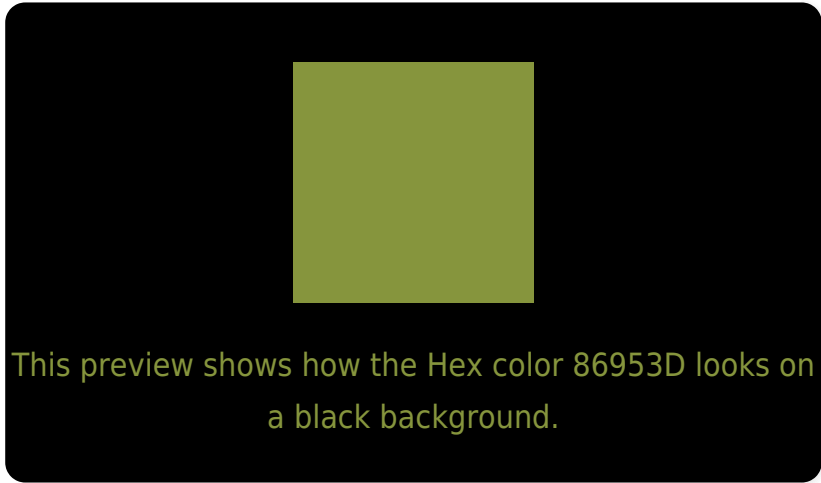
Large Text (above 18pt) WCAG AA ✓ Pass

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

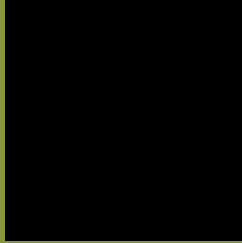
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 86953D Background



This preview shows how black text looks on a background with the Hex color 86953D.



This preview shows how white text looks on a background with the Hex color 86953D.

# 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](#).

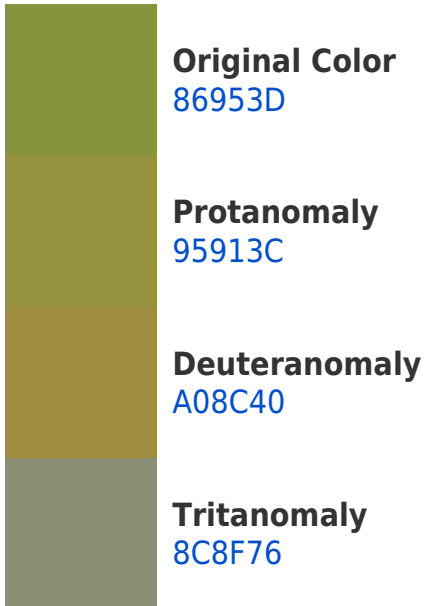
## Dichromacy





**Tritanopia**  
908C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86953D 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 #86953D looks like.

```
.text, #text, p{  
    color:#86953D  
}
```

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 #86953D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86953D
}
```

## Border

The CSS property to change the border of an element to Hex 86953D 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
#86953D }
```

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

```
.border{ border-color:#86953D }
```

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

Here you see how a box with a 4 pixel #86953D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86953D; -webkit-box-shadow:4px 4px  
4px 4px #86953D; box-shadow:4px 4px 4px  
4px #86953D }
```

# Background

The CSS property to change the background color of an element to Hex 86953D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86953D }
```

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

```
.background{ background-color:#86953D }
```

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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