

# Converting Colors

Hex(86A93E)

Have a look what the booklet for  
Hex(86A93E) contains.

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**Color**

**Hex(86A93E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A93E
RGB	134, 169, 62
RGB Percent	53%, 66%, 24%
CMY	0.4745, 0.3373, 0.7569
CMYK	0.21, 0.00, 0.63, 0.34
HSL	80°, 46%, 45%
HSV	80°, 63%, 66%
XYZ	24.8890, 33.7921, 9.7682
YIQ	146.3370, 13.4870, -40.6970

# Conversions

## Conversions Part 2

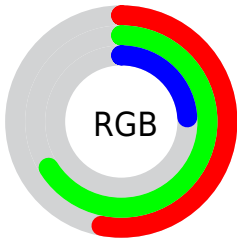
Format	Color
<a href="#">RYB</a>	<a href="#">62, 169, 97</a>
Decimal	<a href="#">8825150</a>
CIELab	<a href="#">64.80, -28.38, 49.77</a>
CIELCh	<a href="#">65, 57.295, 119.691</a>
Yxy	<a href="#">33.7921, 0.3636, 0.4937</a>
Android (android.graphics.Color)	<a href="#">4287015230 (0xFF86A93E)</a>
YUV	<a href="#">146.3370, -41.5781, -10.8195</a>
Hunter-Lab	<a href="#">58.1309, -25.3037, 30.7287</a>

# Details

The Hex color **86A93E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **613EA9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BEE072**, and **517500** is the 20% darker color. If you saturate the color by 10%, you get **80A92D**, and if you desaturate by 10%, it is **8CA94F**.

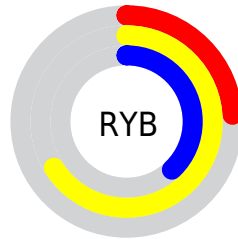
# Distribution



Red (53%)

Green (66%)

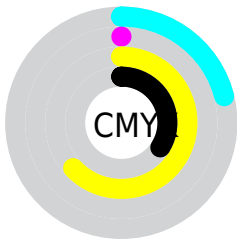
Blue (24%)



Red (24%)

Yellow (66%)

Blue (38%)

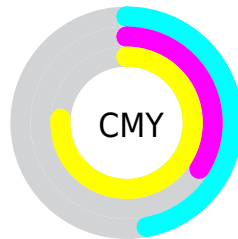


Cyan (21%)

Magenta (0%)

Yellow (63%)

Black (34%)



Cyan (47%)

Magenta (34%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A93E 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 86A93E by changing the saturation by 10% instead.





86A93E



86A93E

FFFFFF



6B8E23



BEE072



517500



DAFD8D



375C00



F7FFA8



1D4400



FFFFC4



002D00



FFFFE1



001900

FFFFFFE



000000



86A93E



86A93E



80A92D



8CA94F

 7BA91C

 91A960

 75A90B

 97A971

 72A900

 9CA982

 A2A993

 A7A9A3

 ADA9B4

 B2A9C5

 B8A9D6

# Harmonies

## Analogous

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



B99A2F



86A93E



3DB267

# Triad

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



86A93E



00B0F5



F86FA0

# Complementary

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



86A93E



613EA9

# 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.



DB7BD2



86A93E



0AA3FF

# Square

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



86A93E



00B5CF



9D90F7



F8756D

# Rectangle

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



86A93E



00B589



9D90F7



F271B1



# Sweetspot

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



86A93E



CEDBB2



A9603E



656E54



EDEDED



6E6E6E



# Same Dimension

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



86A93E



A5DB35



52A93E



51544C



649400



0E1400



# Inverse Universe

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



613EA9



6B35DB



953EA9



4E4C54



300094



070014



# Previews

## White Background



This preview shows how the Hex color 86A93E looks on a white background.

## Color Contrast Check

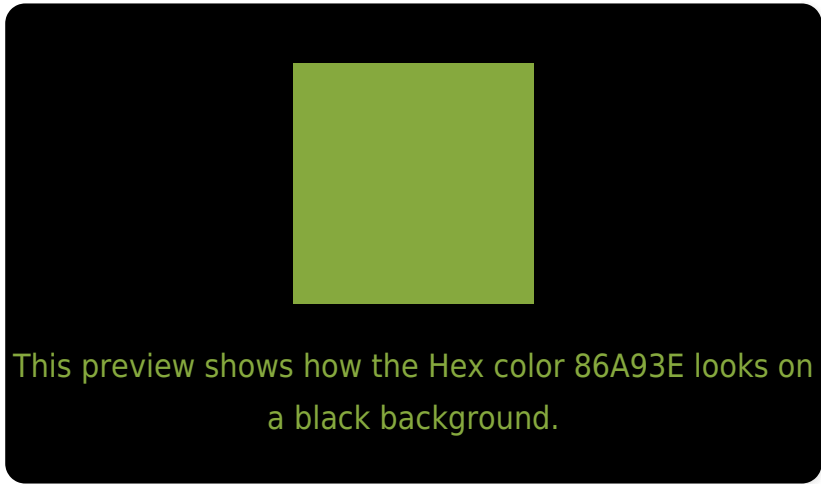
Large Text (above 18pt) WCAG AA × Fail

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 86A93E Background



This preview shows how black text looks on a background with the Hex color 86A93E.

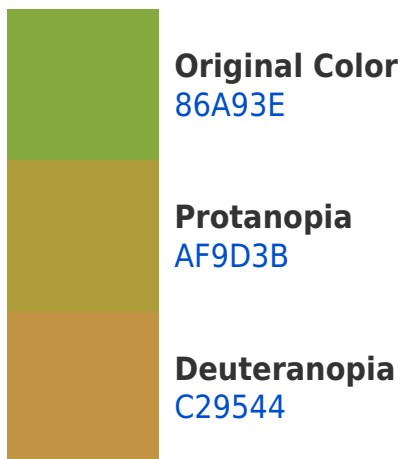


This preview shows how white text looks on a background with the Hex color 86A93E.

# 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](#).

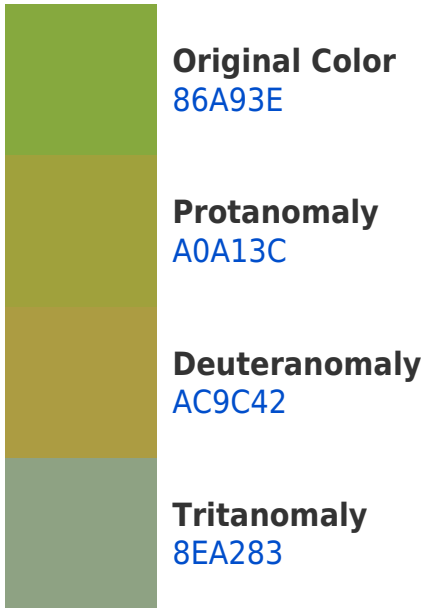
## Dichromacy



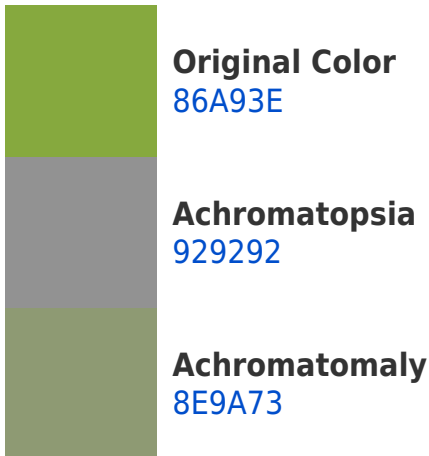


**Tritanopia**  
939EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A93E 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 #86A93E looks like.

```
.text, #text, p{  
    color:#86A93E  
}
```

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 #86A93E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A93E
}
```

## Border

The CSS property to change the border of an element to Hex 86A93E 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
#86A93E }
```

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

```
.border{ border-color:#86A93E }
```

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

Here you see how a box with a 4 pixel #86A93E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A93E; -webkit-box-shadow:4px 4px  
4px 4px #86A93E; box-shadow:4px 4px 4px  
4px #86A93E }
```

# Background

The CSS property to change the background color of an element to Hex 86A93E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A93E }
```

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

```
.background{ background-color:#86A93E }
```

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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