

Converting Colors

Hex(86A758)

Have a look what the booklet for
Hex(86A758) contains.

Hex(86A758)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86A758)

Conversions

Conversions Part 1

Format	Color
Hex	86A758
RGB	134, 167, 88
RGB Percent	53%, 65%, 35%
CMY	0.4745, 0.3451, 0.6549
CMYK	0.20, 0.00, 0.47, 0.35
HSL	85°, 31%, 50%
HSV	85°, 47%, 65%
XYZ	25.4117, 33.4103, 14.3420
YIQ	148.1270, 5.6910, -31.5650

Conversions

Conversions Part 2

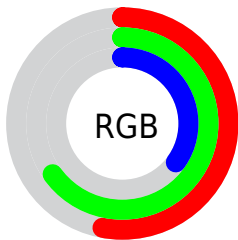
Format	Color
RYB	88, 167, 121
Decimal	8824664
CIELab	64.49, -24.84, 37.02
CIELCh	64, 44.580, 123.862
Yxy	33.4103, 0.3473, 0.4566
Android (android.graphics.Color)	4287014744 (0xFF86A758)
YUV	148.1270, -29.6426, -12.3894
Hunter-Lab	57.8017, -22.6780, 25.7499

Details

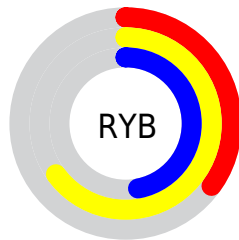
The Hex color **86A758** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7958A7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BDDE8B**, and **527327** is the 20% darker color. If you saturate the color by 10%, you get **7FA747**, and if you desaturate by 10%, it is **8DA769**.

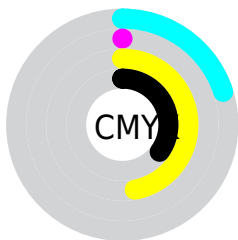
Distribution



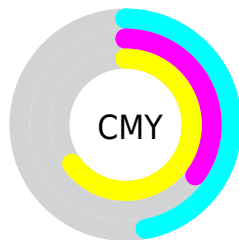
- Red (53%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (65%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)



- Cyan (47%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A758 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 86A758 by changing the saturation by 10% instead.



86A758



86A758

FFFFFF



6C8D3F



BDDE8B



527327



D9FBA6



395A0E



F6FFC2



214200



FFFFDE



062C00



FFFFFFB



001800



000000



86A758



86A758



7FA747



8DA769

 78A737

 94A779

 71A726

 9BA78A

 6AA715

 A2A79B

 63A705

 A9A7AB

 61A700

 B0A7BC

 B7A7CD

 BEA7DE

 C5A7EE

Harmonies

Analogous

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



B09C4B



86A758



52AE78

Triad

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



86A758



00AAE3



E67B99

Complementary

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



86A758



7958A7

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.



D282C0



86A758



639FEC

Square

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



86A758



00B0C8



A790DF



E58172

Rectangle

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



86A758



12B093



A790DF



E27CA6

Sweetspot

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



86A758



CCD9BA



A77958



666E5B



EDEDED



6E6E6E

Same Dimension

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



86A758



A5D95D



5FA758



51544C



569400



0C1400

Inverse Universe

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



7958A7



915DD9



A058A7



4F4C54



3E0094



090014

Previews

White Background



This preview shows how the Hex color 86A758 looks on a white background.

Color Contrast Check

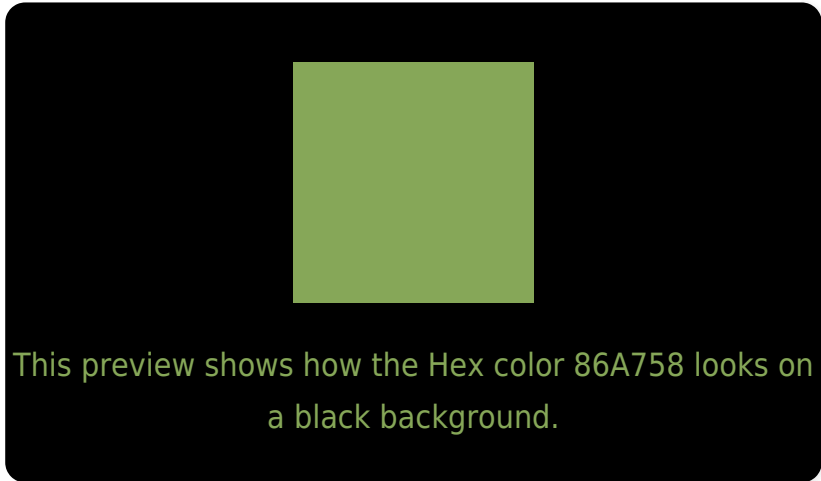
Large Text (above 18pt) WCAG AA × Fail

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

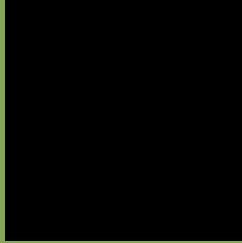
Any Text WCAG AA ✓ Pass

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 86A758 Background



This preview shows how black text looks on a background with the Hex color 86A758.

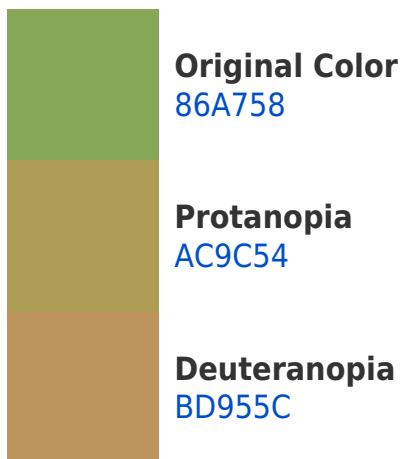


This preview shows how white text looks on a background with the Hex color 86A758.

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](#).

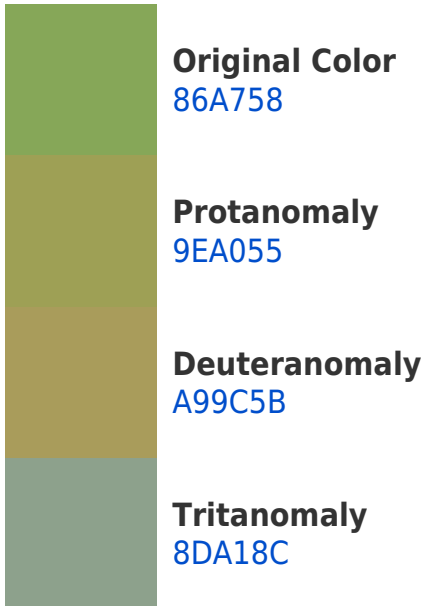
Dichromacy



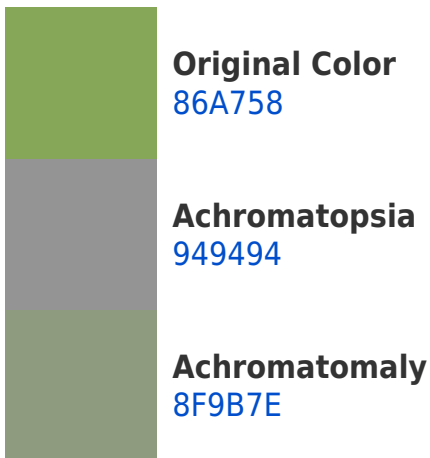


Tritanopia
919EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A758 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 #86A758 looks like.

```
.text, #text, p{  
    color:#86A758  
}
```

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 #86A758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A758  
}
```

Border

The CSS property to change the border of an element to Hex 86A758 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  
#86A758 }
```

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

```
.border{ border-color:#86A758 }
```

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

Here you see how a box with a 4 pixel #86A758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A758; -webkit-box-shadow:4px 4px  
4px 4px #86A758; box-shadow:4px 4px 4px  
4px #86A758 }
```

Background

The CSS property to change the background color of an element to Hex 86A758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A758 }
```

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

```
.background{ background-color:#86A758 }
```

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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