

Converting Colors

Hex(86A954)

Have a look what the booklet for
Hex(86A954) contains.

Hex(86A954)	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(86A954)

Conversions

Conversions Part 1

Format	Color
Hex	86A954
RGB	134, 169, 84
RGB Percent	53%, 66%, 33%
CMY	0.4745, 0.3373, 0.6706
CMYK	0.21, 0.00, 0.50, 0.34
HSL	85°, 34%, 50%
HSV	85°, 50%, 66%
XYZ	25.6197, 34.0844, 13.6161
YIQ	148.8450, 6.4250, -33.8550

Conversions

Conversions Part 2

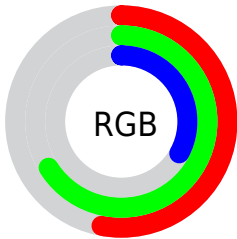
Format	Color
RYB	84, 169, 119
Decimal	8825172
CIELab	65.03, -26.28, 39.69
CIELCh	65, 47.604, 123.509
Yxy	34.0844, 0.3494, 0.4649
Android (android.graphics.Color)	4287015252 (0xFF86A954)
YUV	148.8450, -31.9686, -13.0191
Hunter-Lab	58.3818, -23.8369, 27.0393

Details

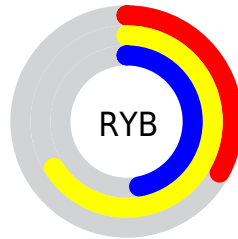
The Hex color **86A954** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7754A9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BDE088**, and **527523** is the 20% darker color. If you saturate the color by 10%, you get **7FA943**, and if you desaturate by 10%, it is **8DA965**.

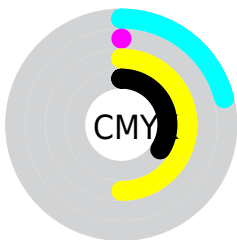
Distribution



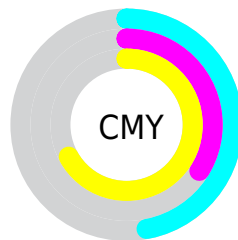
- Red (53%)
- Green (66%)
- Blue (33%)



- Red (33%)
- Yellow (66%)
- Blue (47%)



- Cyan (21%)
- Magenta (0%)
- Yellow (50%)
- Black (34%)



- Cyan (47%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A954 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 86A954 by changing the saturation by 10% instead.



86A954



86A954

FFFFFF



6C8E3B



BDE088



527523



D9FDA2



395C06



F6FFBE



214400



FFFFDA



042D00



FFFFF7



001A00



000000



86A954



86A954



7FA943



8DA965

 78A932

 94A976

 71A921

 9BA987

 6AA910

 A2A998

 63A900

 A9A9A8

 B0A9B9

 B7A9CA

 BEA9DB

 C5A9EC

Harmonies

Analogous

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



B29D46



86A954



4DB076

Triad

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



86A954



00ACE9



EC7A9A

Complementary

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



86A954



7754A9

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.



D681C5



86A954



5CA1F3

Square

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



86A954



00B2CC



A891E5



EB8071

Rectangle

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



86A954



00B393



A891E5



E87BA9

Sweetspot

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



86A954



CEDBBA



A97654



666E5A



EDEDED



6E6E6E

Same Dimension

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



86A954



A5DB58



5CA954



51544C



579400



0C1400

Inverse Universe

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



7754A9



8E58DB



A154A9



4F4C54



3D0094



080014

Previews

White Background



This preview shows how the Hex color 86A954 looks on a white background.

Color Contrast Check

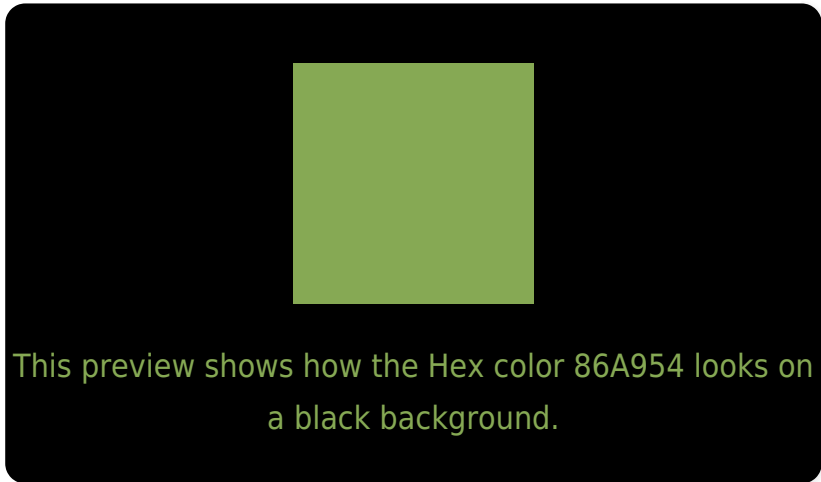
Large Text (above 18pt) WCAG AA × Fail

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 86A954 Background



This preview shows how black text looks on a background with the Hex color 86A954.



This preview shows how white text looks on a background with the Hex color 86A954.

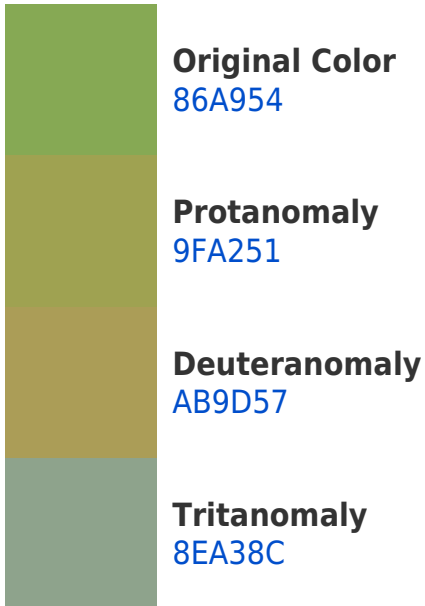
Color Blindness Simulation

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](#).

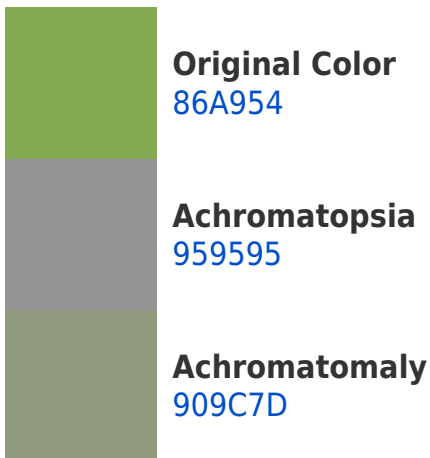
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A954 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 #86A954 looks like.

```
.text, #text, p{  
    color:#86A954  
}
```

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 #86A954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A954
}
```

Border

The CSS property to change the border of an element to Hex 86A954 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
#86A954 }
```

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

```
.border{ border-color:#86A954 }
```

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

Here you see how a box with a 4 pixel #86A954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A954; -webkit-box-shadow:4px 4px  
4px 4px #86A954; box-shadow:4px 4px 4px  
4px #86A954 }
```

Background

The CSS property to change the background color of an element to Hex 86A954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A954 }
```

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

```
.background{ background-color:#86A954 }
```

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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