

Converting Colors

Hex(8EA854)

Have a look what the booklet for
Hex(8EA854) contains.

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Color

Hex(8EA854)

Conversions

Conversions Part 1

Format	Color
Hex	8EA854
RGB	142, 168, 84
RGB Percent	56%, 66%, 33%
CMY	0.4431, 0.3412, 0.6706
CMYK	0.15, 0.00, 0.50, 0.34
HSL	79°, 33%, 49%
HSV	79°, 50%, 66%
XYZ	26.7582, 34.3961, 13.6163
YIQ	150.6500, 11.4680, -31.6360

Conversions

Conversions Part 2

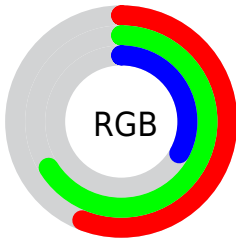
Format	Color
RYB	84, 168, 110
Decimal	9349204
CIELab	65.28, -22.63, 40.12
CIELCh	65, 46.057, 119.425
Yxy	34.3961, 0.3579, 0.4600
Android (android.graphics.Color)	4287539284 (0xFF8EA854)
YUV	150.6500, -32.8585, -7.5861
Hunter-Lab	58.6482, -21.1939, 27.2884

Details

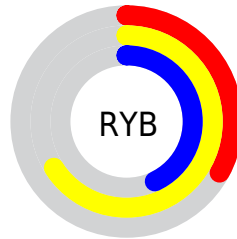
The Hex color **8EA854** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E54A8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C5DF88**, and **5A7422** is the 20% darker color. If you saturate the color by 10%, you get **89A843**, and if you desaturate by 10%, it is **93A865**.

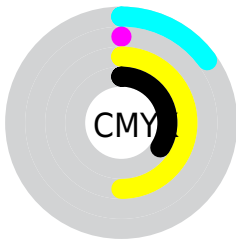
Distribution



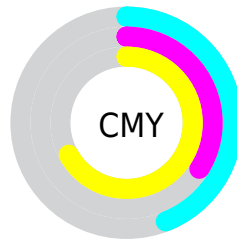
- Red (56%)
- Green (66%)
- Blue (33%)



- Red (33%)
- Yellow (66%)
- Blue (43%)



- Cyan (15%)
- Magenta (0%)
- Yellow (50%)
- Black (34%)



- Cyan (44%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA854 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 8EA854 by changing the saturation by 10% instead.



8EA854



8EA854

FFFFFF



738E3B



C5DF88



5A7422



E2FCA2



405B06



FFFFBE



294400



FFFFDA



0F2D00



FFFFF7



001B00



000000



8EA854



8EA854



89A843



93A865

 84A832

 98A876

 7EA822

 9EA886

 79A811

 A3A897

 74A800

 A8A8A8

 ADA8B9

 B2A8CA

 B8A8DA

 BDA8EB

Harmonies

Analogous

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



B89C4A



8EA854



5AB073

Triad

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



8EA854



00AEE5



E97CA1

Complementary

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



8EA854



6E54A8

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.



D185C9



8EA854



54A3F1

Square

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



8EA854



00B3C6



A094E6



EB8078

Rectangle

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



8EA854



22B38E



A094E6



E47EAF

Sweetspot

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



8EA854



D1DBBA



A86D54



686E5A



EDEDED



6E6E6E

Same Dimension

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



8EA854



B3DB58



65A854



52544C



669400



0E1400

Inverse Universe

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



6E54A8



8058DB



9754A8



4E4C54



2E0094



060014

Previews

White Background



This preview shows how the Hex color 8EA854 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

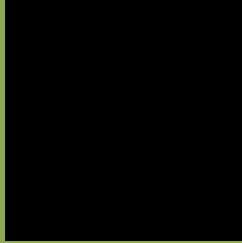
Any Text WCAG AA ✓ Pass

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 8EA854 Background



This preview shows how black text looks on a background with the Hex color 8EA854.

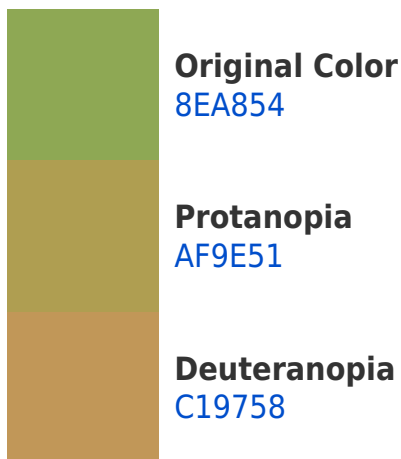


This preview shows how white text looks on a background with the Hex color 8EA854.

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](#).

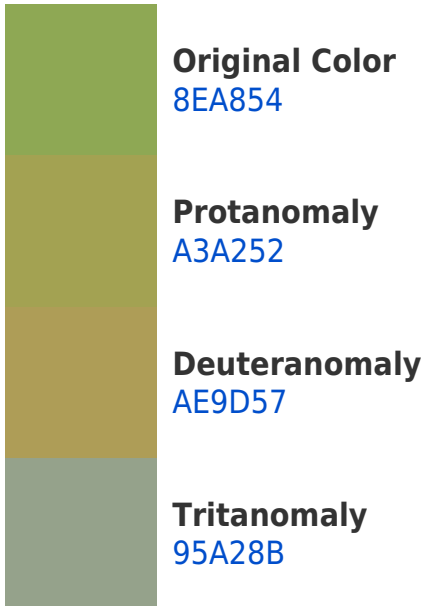
Dichromacy



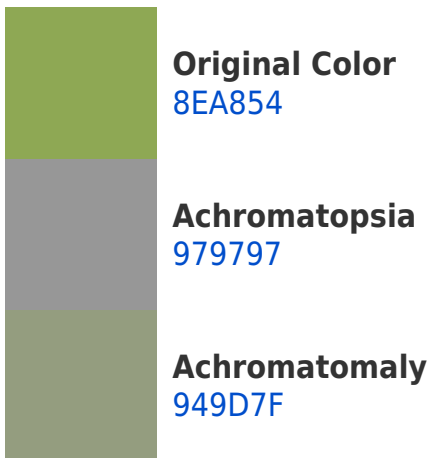


Tritanopia
999EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA854 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 #8EA854 looks like.

```
.text, #text, p{  
    color:#8EA854  
}
```

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 #8EA854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA854
}
```

Border

The CSS property to change the border of an element to Hex 8EA854 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
#8EA854 }
```

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

```
.border{ border-color:#8EA854 }
```

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

Here you see how a box with a 4 pixel #8EA854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA854; -webkit-box-shadow:4px 4px  
4px 4px #8EA854; box-shadow:4px 4px 4px  
4px #8EA854 }
```

Background

The CSS property to change the background color of an element to Hex 8EA854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA854 }
```

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

```
.background{ background-color:#8EA854 }
```

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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