

Converting Colors

Hex(8AAA3E)

Have a look what the booklet for
Hex(8AAA3E) contains.

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Color

Hex(8AAA3E)

Conversions

Conversions Part 1

Format	Color
Hex	8AAA3E
RGB	138, 170, 62
RGB Percent	54%, 67%, 24%
CMY	0.4588, 0.3333, 0.7569
CMYK	0.19, 0.00, 0.64, 0.33
HSL	78°, 47%, 45%
HSV	78°, 64%, 67%
XYZ	25.7255, 34.5005, 9.8608
YIQ	148.1200, 15.5960, -40.3720

Conversions

Conversions Part 2

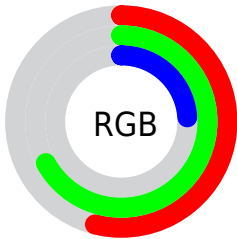
Format	Color
RYB	62, 170, 94
Decimal	9087550
CIELab	65.36, -27.25, 50.46
CIELCh	65, 57.347, 118.374
Yxy	34.5005, 0.3671, 0.4923
Android (android.graphics.Color)	4287277630 (0xFF8AAA3E)
YUV	148.1200, -42.4572, -8.8752
Hunter-Lab	58.7371, -24.6113, 31.1624

Details

The Hex color **8AAA3E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5E3EAA**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C2E172**, and **557600** is the 20% darker color. If you saturate the color by 10%, you get **85AA2D**, and if you desaturate by 10%, it is **8FAA4F**.

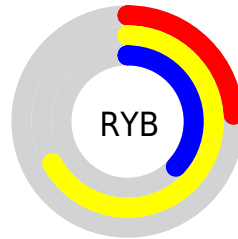
Distribution



Red (54%)

Green (67%)

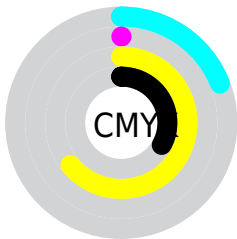
Blue (24%)



Red (24%)

Yellow (67%)

Blue (37%)

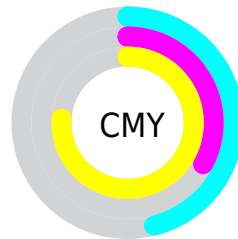


Cyan (19%)

Magenta (0%)

Yellow (64%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AAA3E 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 8AAA3E by changing the saturation by 10% instead.



8AAA3E



8AAA3E

FFFFFF



6F8F23



C2E172



557600



DFFE8D



3B5D00



FCFFA8



214500



FFFFC4



022E00



FFFFE1



001B00

FFFFFE



000000



8AAA3E



8AAA3E



85AA2D



8FAA4F

■ 80AA1C

■ 94AA60

■ 7BAA0B

■ 99AA71

■ 78AA00

■ 9EAA82

■ A3AA93

■ A8AAA4

■ ADAAB5

■ B2AAC6

■ B7AAD7

Harmonies

Analogous

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



BD9B31



8AAA3E



43B366

Triad

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



8AAA3E



00B2F5



F970A4

Complementary

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



8AAA3E



5E3EAA

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.



DB7DD5



8AAA3E



00A5FF

Square

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



8AAA3E



00B7CE



9B92F9



FB7671

Rectangle

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



8AAA3E



00B788



9B92F9



F273B5

Sweetspot

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



8AAA3E



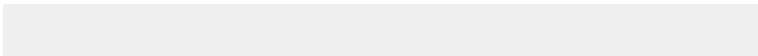
D1DEB4



AA5D3E



697056



F0F0F0



707070

Same Dimension

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



8AAA3E



ACDE35



55AA3E



52544C



689400



0E1400

Inverse Universe

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



5E3EAA



6735DE



933EAA



4E4C54



2C0094



060014

Previews

White Background



This preview shows how the Hex color 8AAA3E looks on a white background.

Color Contrast Check

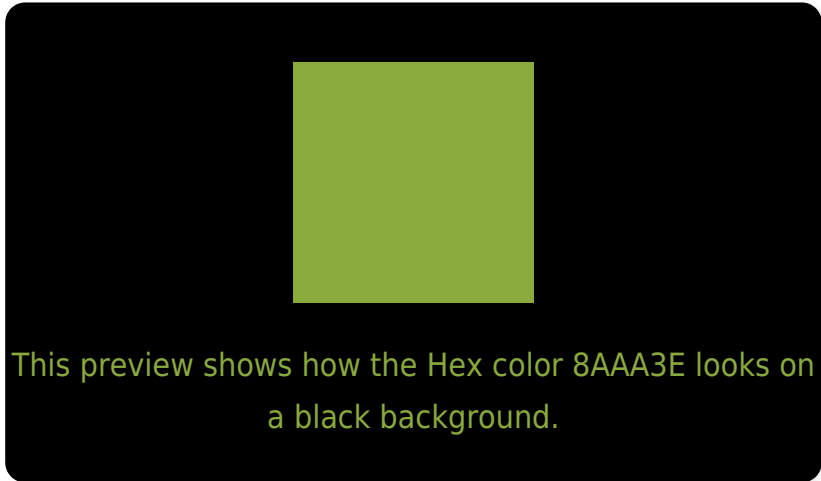
Large Text (above 18pt) WCAG AA × Fail

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 8AAA3E Background



This preview shows how black text looks on a background with the Hex color 8AAA3E.

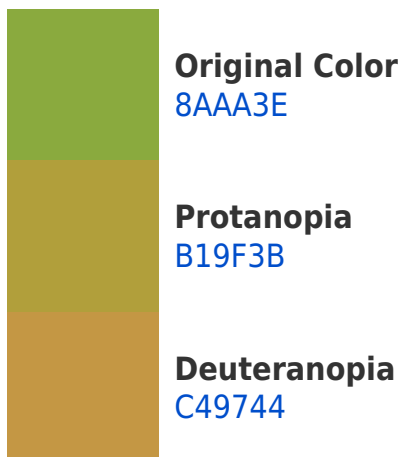


This preview shows how white text looks on a background with the Hex color 8AAA3E.

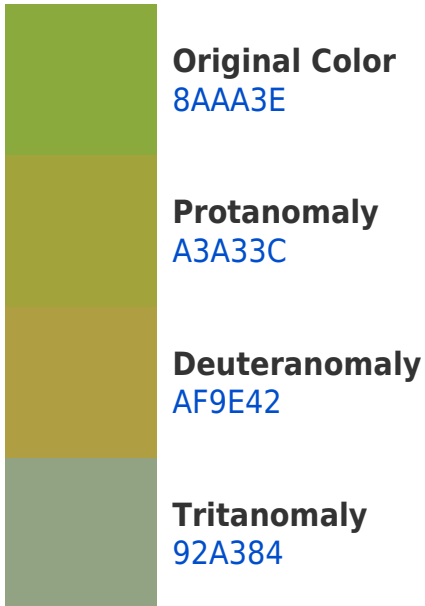
Color Blindness Simulation

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](#).

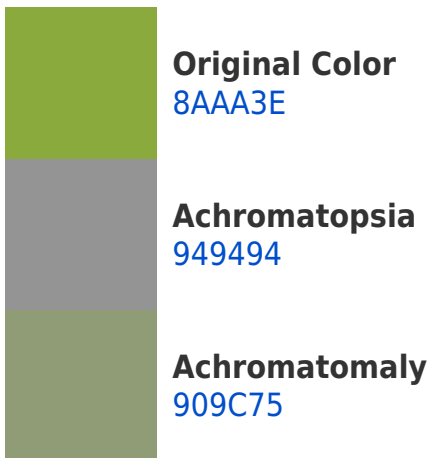
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AAA3E 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 #8AAA3E looks like.

```
.text, #text, p{  
    color:#8AAA3E  
}
```

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 #8AAA3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AAA3E
}
```

Border

The CSS property to change the border of an element to Hex 8AAA3E 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
#8AAA3E }
```

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

```
.border{ border-color:#8AAA3E }
```

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

Here you see how a box with a 4 pixel #8AAA3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AAA3E; -webkit-box-shadow:4px 4px  
4px 4px #8AAA3E; box-shadow:4px 4px 4px  
4px #8AAA3E }
```

Background

The CSS property to change the background color of an element to Hex 8AAA3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AAA3E }
```

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

```
.background{ background-color:#8AAA3E }
```

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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