

Converting Colors

Hex(8FAE77)

Have a look what the booklet for
Hex(8FAE77) contains.

Hex(8FAE77)	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(8FAE77)

Conversions

Conversions Part 1

Format	Color
Hex	8FAE77
RGB	143, 174, 119
RGB Percent	56%, 68%, 47%
CMY	0.4392, 0.3176, 0.5333
CMYK	0.18, 0.00, 0.32, 0.32
HSL	94°, 25%, 57%
HSV	94°, 32%, 68%
XYZ	29.7935, 37.4437, 23.1098
YIQ	158.4610, -0.8210, -23.6770

Conversions

Conversions Part 2

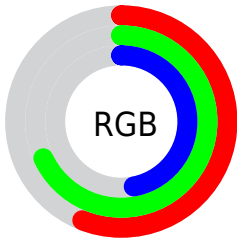
Format	Color
RYB	119, 174, 150
Decimal	9416311
CIELab	67.61, -20.73, 24.85
CIELCh	68, 32.364, 129.835
Yxy	37.4437, 0.3298, 0.4144
Android (android.graphics.Color)	4287606391 (0xFF8FAE77)
YUV	158.4610, -19.4543, -13.5593
Hunter-Lab	61.1912, -20.1744, 20.4421

Details

The Hex color **8FAE77** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9677AE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C5E6AC**, and **5C7946** is the 20% darker color. If you saturate the color by 10%, you get **85AE66**, and if you desaturate by 10%, it is **99AE88**.

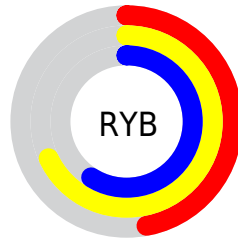
Distribution



Red (56%)

Green (68%)

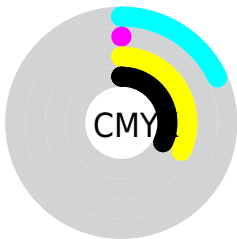
Blue (47%)



Red (47%)

Yellow (68%)

Blue (59%)

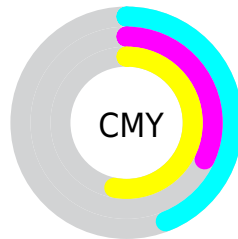


Cyan (18%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (44%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FAE77 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 8FAE77 by changing the saturation by 10% instead.



8FAE77



8FAE77

FFFFFF



75935E



C5E6AC



5C7946



E2FFC7



43612F



FFFFE3



2C4919



163200



001E00



000000



8FAE77



8FAE77



85AE66



99AE88

 7BAE54

 A3AE9A

 72AE43

 ACAEAB

 68AE31

 B6AEBD

 5EAE20

 C0AECE

 54AE0F

 CAAEDF

 4CAE00

 D4AEF1

 DDAEFF

 E7AEFF

Harmonies

Analogous

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



AFA66B



8FAE77



6CB390

Triad

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



8FAE77



5EADDB



DE8F9C

Complementary

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



8FAE77



9677AE

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.



D191B9



8FAE77



8CA4DE

Square

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



8FAE77



40B3C9



B59AD2



DB9381

Rectangle

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



8FAE77



55B5A3



B59AD2



DC8FA6

Sweetspot

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



8FAE77



D7E3CF



AE9577



6C7366



F2F2F2



737373

Same Dimension

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



8FAE77



B2E38D



77AE7A



52574E



429600



0A1700

Inverse Universe

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



9677AE



BD8DE3



AE77AB



534E57



550096



0D0017

Previews

White Background



This preview shows how the Hex color 8FAE77 looks on a white background.

Color Contrast Check

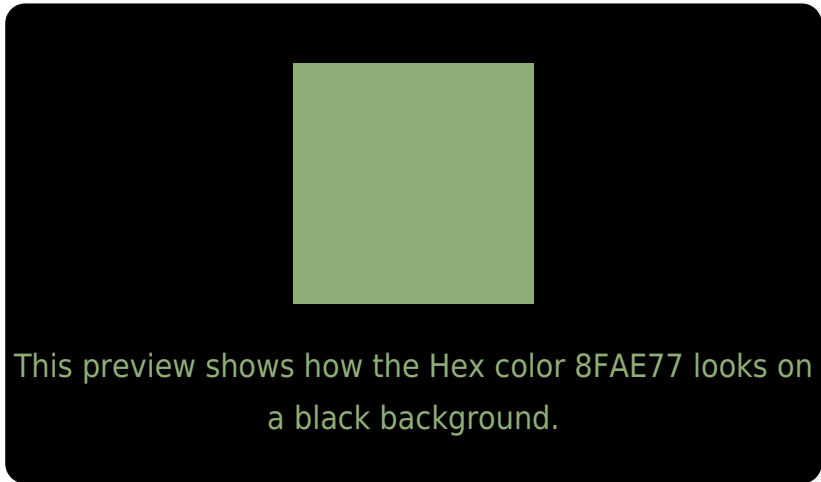
Large Text (above 18pt) WCAG AA × Fail

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

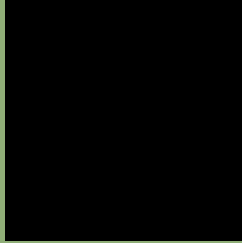
Any Text WCAG AA ✓ Pass

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 8FAE77 Background



This preview shows how black text looks on a background with the Hex color 8FAE77.



This preview shows how white text looks on a background with the Hex color 8FAE77.

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



Original Color
8FAE77

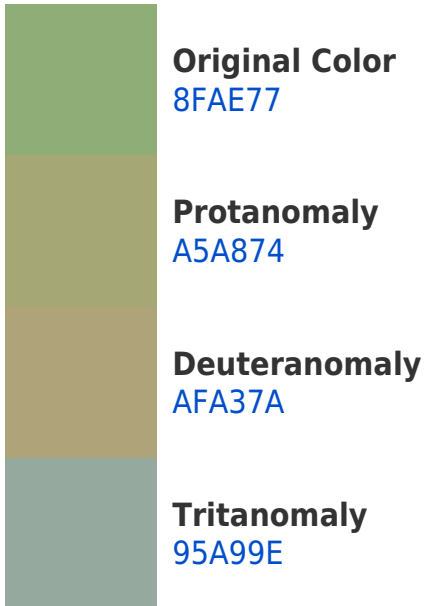
Protanopia
B1A473

Deuteranopia
C29D7B



Tritanopia
98A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8FAE77 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 #8FAE77 looks like.

```
.text, #text, p{  
    color:#8FAE77  
}
```

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 #8FAE77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FAE77  
}
```

Border

The CSS property to change the border of an element to Hex 8FAE77 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  
#8FAE77 }
```

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

```
.border{ border-color:#8FAE77 }
```

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

Here you see how a box with a 4 pixel #8FAE77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FAE77; -webkit-box-shadow:4px 4px  
4px 4px #8FAE77; box-shadow:4px 4px 4px  
4px #8FAE77 }
```

Background

The CSS property to change the background color of an element to Hex 8FAE77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FAE77 }
```

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

```
.background{ background-color:#8FAE77 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor