

Converting Colors

Hex(3FAE97)

Have a look what the booklet for
Hex(3FAE97) contains.

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Color

Hex(3FAE97)

Conversions

Conversions Part 1

Format	Color
Hex	3FAE97
RGB	63, 174, 151
RGB Percent	25%, 68%, 59%
CMY	0.7529, 0.3176, 0.4078
CMYK	0.64, 0.00, 0.13, 0.32
HSL	168°, 47%, 46%
HSV	168°, 64%, 68%
XYZ	22.7719, 33.5632, 34.5563
YIQ	138.1890, -58.7730, -30.6850

Conversions

Conversions Part 2

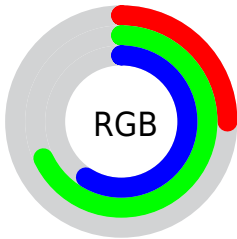
Format	Color
RYB	63, 125, 174
Decimal	4173463
CIELab	64.61, -36.93, 2.57
CIElCh	65, 37.021, 176.023
Yxy	33.5632, 0.2505, 0.3693
Android (android.graphics.Color)	4282363543 (0xFF3FAE97)
YUV	138.1890, 6.3158, -65.9408
Hunter-Lab	57.9338, -31.2216, 5.1884

Details

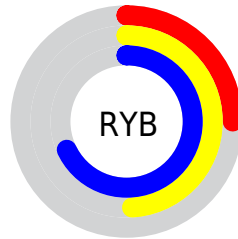
The Hex color **3FAE97** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE3F56**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7BE6CD**, and **007964** is the 20% darker color. If you saturate the color by 10%, you get **2EAE93**, and if you desaturate by 10%, it is **50AE9B**.

Distribution



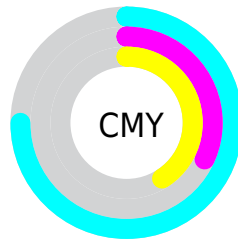
- Red (25%)
- Green (68%)
- Blue (59%)



- Red (25%)
- Yellow (49%)
- Blue (68%)



- Cyan (64%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (75%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FAE97 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 3FAE97 by changing the saturation by 10% instead.



3FAE97



3FAE97

FFFFFF



19937D



7BE6CD



007964



98FFE9



005F4C



B5FFFF



004736



D2FFFF



003020



F0FFFF



00190A



000000



3FAE97



3FAE97



2EAE93



50AE9B

■ 1CAE90

■ 62AE9E

■ 0BAE8C

■ 73AEA2

■ 00AE8A

■ 85AEA5

■ 96AEA9

■ A7AEAD

■ B9AEB0

■ CAAEB4

■ DCAEB7

Harmonies

Analogous

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



6EAB77



3FAE97



00AEB9

Triad

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



3FAE97



9A96D8



D08E67

Complementary

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



3FAE97



AE3F56

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.



DC8581



3FAE97



C28AC2

Square

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



3FAE97



63A1DE



D983A2



B6995A

Rectangle

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



3FAE97



00ABCB



D983A2



D58A6F

Sweetspot

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



3FAE97



B8E3DA



57AE3F



58736D



F2F2F2



737373

Same Dimension

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



3FAE97



34E3BF



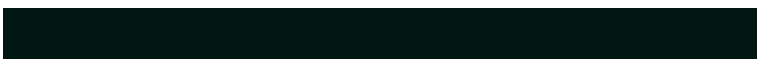
3F8FAE



4E5755



009677



001712

Inverse Universe

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



AE3F56



E33458



AE5E3F



574E50



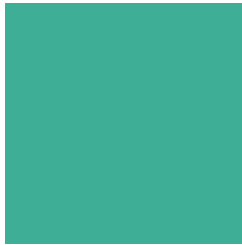
96001F



170005

Previews

White Background



This preview shows how the Hex color 3FAE97 looks on a white background.

Color Contrast Check

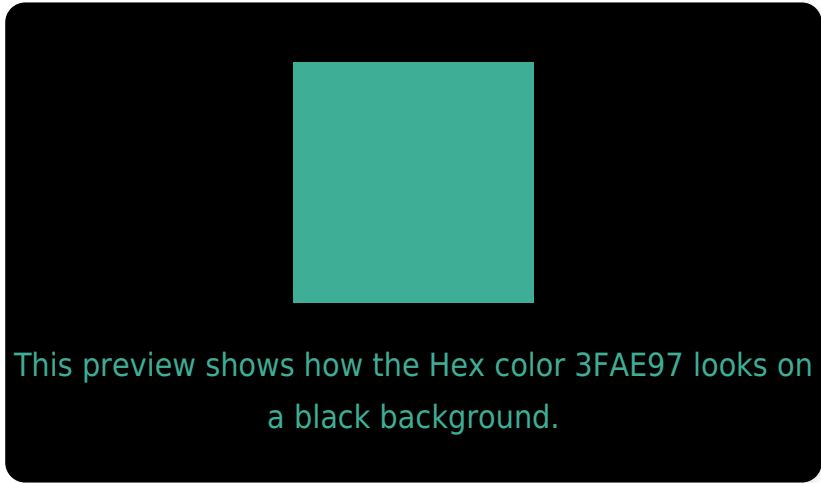
Large Text (above 18pt) WCAG AA × Fail

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

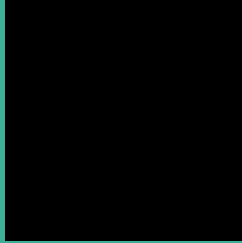
Any Text WCAG AA ✓ Pass

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 3FAE97 Background



This preview shows how black text looks on a background with the Hex color 3FAE97.

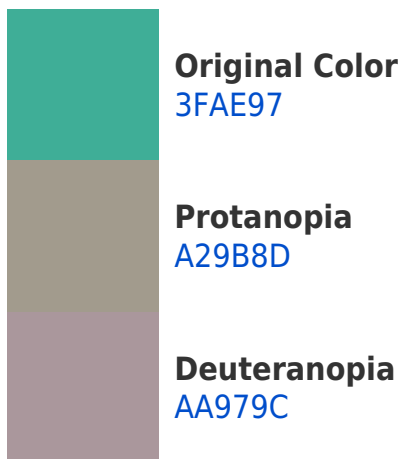


This preview shows how white text looks on a background with the Hex color 3FAE97.

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
4CA9B7

Trichromacy



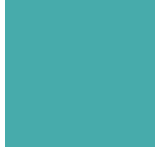
Original Color
3FAE97



Protanomaly
7EA291



Deuteranomaly
839F9A



Tritanomaly
47ABAB

Monochromacy



Original Color
3FAE97



Achromatopsia
8A8A8A



Achromatomaly
6F978F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FAE97 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 #3FAE97 looks like.

```
.text, #text, p{  
    color:#3FAE97  
}
```

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 #3FAE97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FAE97  
}
```

Border

The CSS property to change the border of an element to Hex 3FAE97 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  
#3FAE97 }
```

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

```
.border{ border-color:#3FAE97 }
```

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

Here you see how a box with a 4 pixel #3FAE97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FAE97; -webkit-box-shadow:4px 4px  
4px 4px #3FAE97; box-shadow:4px 4px 4px  
4px #3FAE97 }
```

Background

The CSS property to change the background color of an element to Hex 3FAE97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FAE97 }
```

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

```
.background{ background-color:#3FAE97 }
```

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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