

Converting Colors

Hex(3FA97E)

Have a look what the booklet for
Hex(3FA97E) contains.

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Color

Hex(3FA97E)

Conversions

Conversions Part 1

Format	Color
Hex	3FA97E
RGB	63, 169, 126
RGB Percent	25%, 66%, 49%
CMY	0.7529, 0.3373, 0.5059
CMYK	0.63, 0.00, 0.25, 0.34
HSL	156°, 46%, 45%
HSV	156°, 63%, 66%
XYZ	20.0038, 30.9391, 24.6562
YIQ	132.4040, -49.3730, -35.8450

Conversions

Conversions Part 2

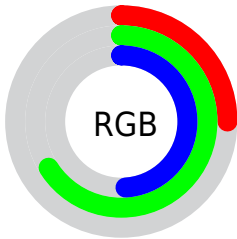
Format	Color
RYB	63, 129, 169
Decimal	4172158
CIELab	62.46, -40.76, 13.37
CIELCh	62, 42.895, 161.846
Yxy	30.9391, 0.2646, 0.4093
Android (android.graphics.Color)	4282362238 (0xFF3FA97E)
YUV	132.4040, -3.1572, -60.8673
Hunter-Lab	55.6229, -33.1458, 12.6543

Details

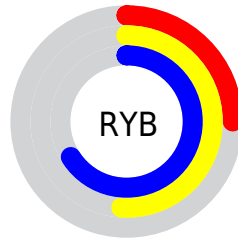
The Hex color **3FA97E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A93F6A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79E1B3**, and **00744D** is the 20% darker color. If you saturate the color by 10%, you get **2EA977**, and if you desaturate by 10%, it is **50A985**.

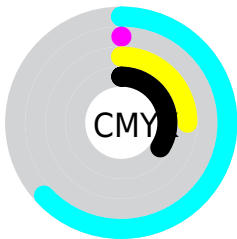
Distribution



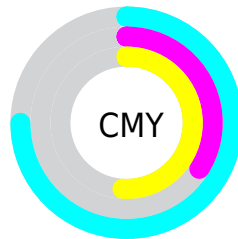
- Red (25%)
- Green (66%)
- Blue (49%)



- Red (25%)
- Yellow (51%)
- Blue (66%)



- Cyan (63%)
- Magenta (0%)
- Yellow (25%)
- Black (34%)



- Cyan (75%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FA97E 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 3FA97E by changing the saturation by 10% instead.

 3FA97E

 3FA97E

FFFFFF

 1C8E65

 79E1B3

 00744D

 96FECE

 005B36

 B2FFEB

 004220

 CFFFFFF

 002C0A

 EDFFFF

 001000

 000000

 3FA97E

 3FA97E

 2EA977

 50A985

■ 1DA970

■ 61A98C

■ 0CA969

■ 72A993

■ 00A964

■ 83A999

■ 93A9A0

■ A4A9A7

■ B5A9AE

■ C6A9B5

■ D7A9BC

Harmonies

Analogous

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



76A35C



3FA97E



00ABA5

Triad

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



3FA97E



7496E1



D97F66

Complementary

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



3FA97E



A93F6A

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.



DF7889



3FA97E



AE87D0

Square

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



3FA97E



00A1DF



D27BB0



C28D4E

Rectangle

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



3FA97E



00AABE



D27BB0



DD7C71

Sweetspot

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



3FA97E



B2DBCA



6BA93F



546E63



EDEDED



6E6E6E

Same Dimension

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



3FA97E



37DB99



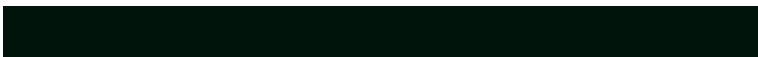
3FA0A9



4C5451



009458



00140C

Inverse Universe

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



A93F6A



DB377A



A9483F



544C4F



94003C



140008

Previews

White Background



This preview shows how the Hex color 3FA97E looks on a white background.

Color Contrast Check

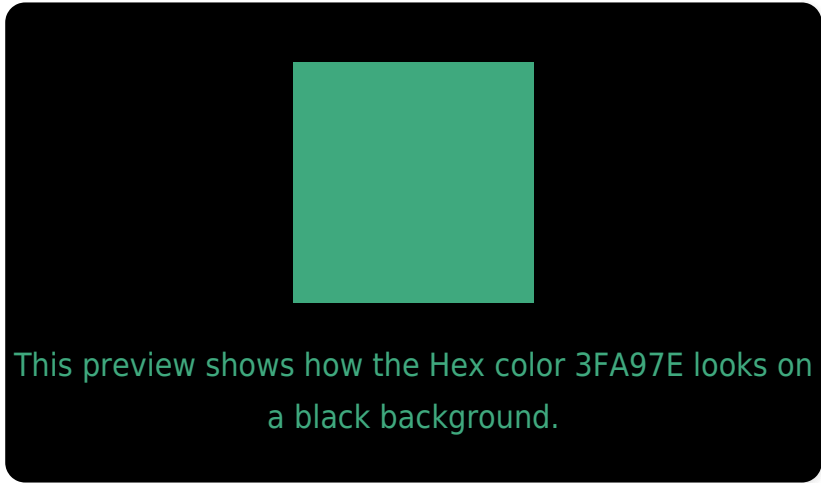
Large Text (above 18pt) WCAG AA × Fail

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

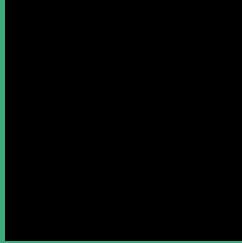
Any Text WCAG AA ✓ Pass

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 3FA97E Background



This preview shows how black text looks on a background with the Hex color 3FA97E.



This preview shows how white text looks on a background with the Hex color 3FA97E.

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
51A2B0

Trichromacy



Original Color
3FA97E



Protanomaly
7D9D78



Deuteranomaly
849981



Tritanomaly
4AA59E

Monochromacy



Original Color
3FA97E



Achromatopsia
848484



Achromatomaly
6B9182

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FA97E 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 #3FA97E looks like.

```
.text, #text, p{  
    color:#3FA97E  
}
```

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 #3FA97E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA97E
}
```

Border

The CSS property to change the border of an element to Hex 3FA97E 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
#3FA97E }
```

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

```
.border{ border-color:#3FA97E }
```

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

Here you see how a box with a 4 pixel #3FA97E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA97E; -webkit-box-shadow:4px 4px  
4px 4px #3FA97E; box-shadow:4px 4px 4px  
4px #3FA97E }
```

Background

The CSS property to change the background color of an element to Hex 3FA97E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA97E }
```

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

```
.background{ background-color:#3FA97E }
```

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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