

# Converting Colors

Hex(3FA87E)

Have a look what the booklet for  
Hex(3FA87E) contains.

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# Color

Hex(3FA87E)

# Conversions

## Conversions Part 1

Format	Color
Hex	3FA87E
RGB	63, 168, 126
RGB Percent	25%, 66%, 49%
CMY	0.7529, 0.3412, 0.5059
CMYK	0.62, 0.00, 0.25, 0.34
HSL	156°, 45%, 45%
HSV	156°, 62%, 66%
XYZ	19.8184, 30.5684, 24.5944
YIQ	131.8170, -49.0980, -35.3220

# Conversions

## Conversions Part 2

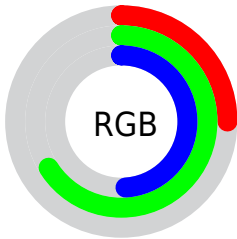
Format	Color
<a href="#">RYB</a>	<a href="#">63, 129, 168</a>
Decimal	<a href="#">4171902</a>
CIELab	<a href="#">62.14, -40.32, 12.92</a>
CIELCh	<a href="#">62, 42.345, 162.229</a>
Yxy	<a href="#">30.5684, 0.2643, 0.4077</a>
Android (android.graphics.Color)	<a href="#">4282361982</a> <a href="#">(0xFF3FA87E)</a>
YUV	<a href="#">131.8170, -2.8678, -60.3525</a>
Hunter-Lab	<a href="#">55.2887, -32.7712, 12.3277</a>

# Details

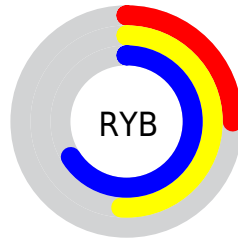
The Hex color **3FA87E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A83F69**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79E0B3**, and **00734D** is the 20% darker color. If you saturate the color by 10%, you get **2EA877**, and if you desaturate by 10%, it is **50A885**.

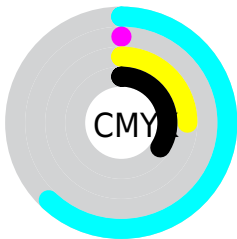
# Distribution



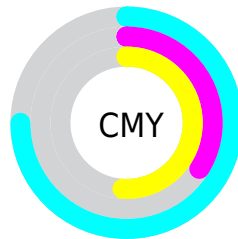
- Red (25%)
- Green (66%)
- Blue (49%)



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



- Cyan (62%)
- Magenta (0%)
- Yellow (25%)
- Black (34%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FA87E 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 3FA87E by changing the saturation by 10% instead.



 3FA87E

 3FA87E

FFFFFF

 1C8D65

 79E0B3

 00734D

 95FDCE

 005A36

 B2FFEB

 004120

 CFFFFFF

 002B0A

 EDFFFF

 000E00

 000000

 3FA87E

 3FA87E

 2EA877

 50A885

■ 1DA871

■ 61A88B

■ 0DA86A

■ 71A892

■ 00A865

■ 82A899

■ 93A8A0

■ A4A8A6

■ B5A8AD

■ C5A8B4

■ D6A8BA

# Harmonies

## Analogous

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



75A25D



3FA87E



00AAA5

# Triad

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



3FA87E



7595DF



D77F65

# Complementary

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



3FA87E



A83F69

# 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.



DE7788



3FA87E



AD86CE

# Square

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



3FA87E



0BA0DD



D07BAE



C08C4E

# Rectangle

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



3FA87E



00A9BD



D07BAE



DB7C70



# Sweetspot

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



3FA87E



B2DFCB



69A83F



546E64



EDEDED



6E6E6E



# Same Dimension

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



3FA87E



37DB9A



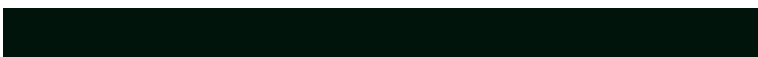
3F9DA8



4C5451



009459



00140C



# Inverse Universe

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



A83F69



DB3779



A84A3F



544C4F



94003B



140008



# Previews

## White Background



This preview shows how the Hex color 3FA87E looks on a white background.

## Color Contrast Check

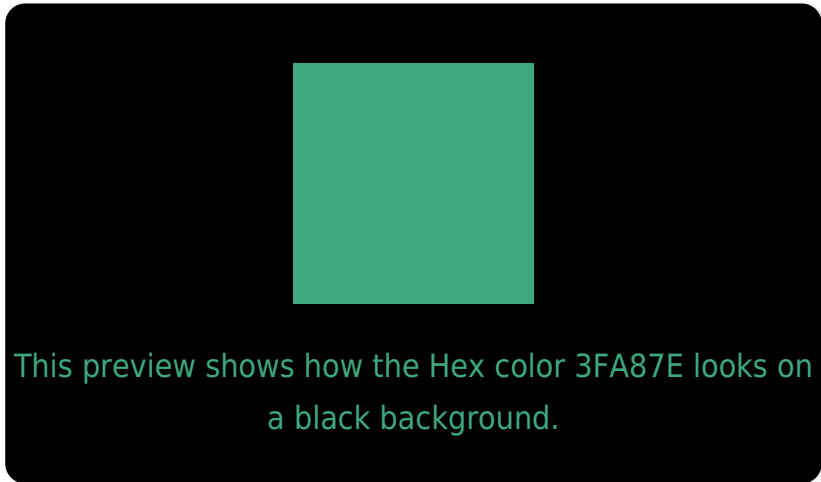
Large Text (above 18pt) WCAG AA × Fail

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

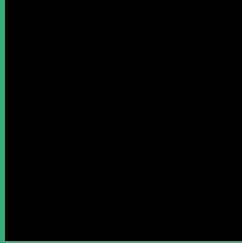
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FA87E Background



This preview shows how black text looks on a background with the Hex color 3FA87E.

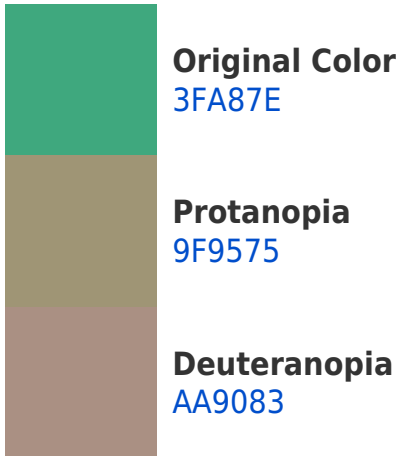


This preview shows how white text looks on a background with the Hex color 3FA87E.

# 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**  
50A2AF

# Trichromacy



**Original Color**  
3FA87E



**Protanomaly**  
7C9C78



**Deuteranomaly**  
839981



**Tritanomaly**  
4AA49D

# Monochromacy



**Original Color**  
3FA87E



**Achromatopsia**  
848484



**Achromatomaly**  
6B9182

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FA87E 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 #3FA87E looks like.

```
.text, #text, p{  
    color:#3FA87E  
}
```

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 #3FA87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA87E
}
```

## Border

The CSS property to change the border of an element to Hex 3FA87E 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
#3FA87E }
```

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

```
.border{ border-color:#3FA87E }
```

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

Here you see how a box with a 4 pixel #3FA87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA87E; -webkit-box-shadow:4px 4px  
4px 4px #3FA87E; box-shadow:4px 4px 4px  
4px #3FA87E }
```

# Background

The CSS property to change the background color of an element to Hex 3FA87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA87E }
```

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

```
.background{ background-color:#3FA87E }
```

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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