

# Converting Colors

Hex(3FAF73)

Have a look what the booklet for  
Hex(3FAF73) contains.

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# Color

Hex(3FAF73)

# Conversions

## Conversions Part 1

Format	Color
Hex	3FAF73
RGB	63, 175, 115
RGB Percent	25%, 69%, 45%
CMY	0.7529, 0.3137, 0.5490
CMYK	0.64, 0.00, 0.34, 0.31
HSL	148°, 47%, 47%
HSV	148°, 64%, 69%
XYZ	20.4744, 32.9545, 21.5014
YIQ	134.6720, -47.4920, -42.4040

# Conversions

## Conversions Part 2

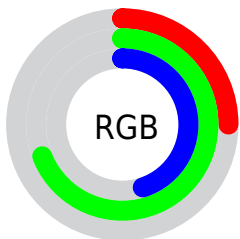
Format	Color
<a href="#">RYB</a>	<a href="#">63, 139, 175</a>
Decimal	<a href="#">4173683</a>
CIELab	<a href="#">64.12, -45.63, 21.68</a>
CIELCh	<a href="#">64, 50.522, 154.589</a>
Yxy	<a href="#">32.9545, 0.2732, 0.4398</a>
Android (android.graphics.Color)	<a href="#">4282363763 (0xFF3FAF73)</a>
YUV	<a href="#">134.6720, -9.6983, -62.8563</a>
Hunter-Lab	<a href="#">57.4060, -36.7969, 17.9772</a>

# Details

The Hex color **3FAF73** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF3F7B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7AE7A7**, and **007942** is the 20% darker color. If you saturate the color by 10%, you get **2EAF6A**, and if you desaturate by 10%, it is **51AF7C**.

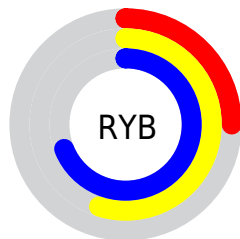
# Distribution



Red (25%)

Green (69%)

Blue (45%)



Red (25%)

Yellow (55%)

Blue (69%)

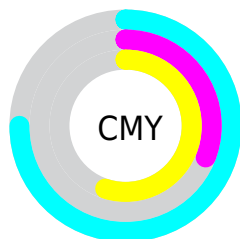


Cyan (64%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (75%)

Magenta (31%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FAF73 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 3FAF73 by changing the saturation by 10% instead.



 3FAF73

 3FAF73

FFFFFF

 1A945A

 7AE7A7

 007942

 97FFC3

 00602C

 B4FFDF

 004716

 D1FFFB

 003000

 EEEFFF

 001700

 000000

 3FAF73

 3FAF73

 2EAF6A

 51AF7C

 1CAF60

 62AF86

 0BAF57

 73AF8F

 00AF51

 85AF99

 97AFA2

 A8AFAB

 BAAFBS

 CBAFBE

 DDAFC7

# Harmonies

## Analogous

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



80A84E



3FAF73



00B2A1

# Triad

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



3FAF73



559EF5



EB7B6B

# Complementary

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



3FAF73



AF3F7B

# 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.



EE7496



3FAF73



A78DE6

# Square

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



3FAF73



00AAEC



D87CC3



D48B4A

# Rectangle

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



3FAF73



00B2C0



D87CC3



EF7778



# Sweetspot

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



3FAF73



B8E3CC



7DAF3F



587365



F2F2F2



737373



# Same Dimension

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



3FAF73



34E385



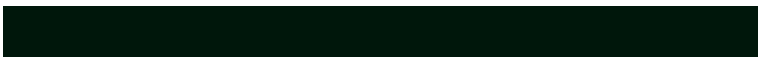
3FAFA9



4E5752



009646



00170B



# Inverse Universe

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



AF3F7B



E33492



AF3F45



574E53



960051



17000C



# Previews

## White Background



This preview shows how the Hex color 3FAF73 looks on a white background.

## Color Contrast Check

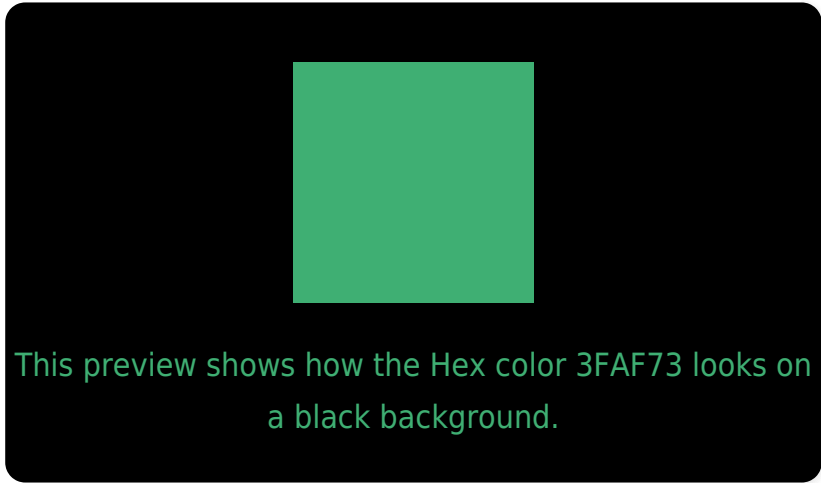
Large Text (above 18pt) WCAG AA × Fail

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

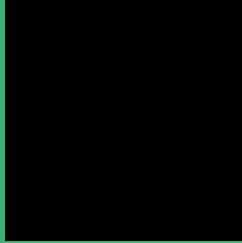
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FAF73 Background



This preview shows how black text looks on a background with the Hex color 3FAF73.



This preview shows how white text looks on a background with the Hex color 3FAF73.

# 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](#).

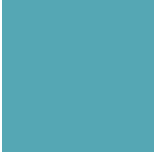
## Dichromacy



**Original Color**  
3FAF73

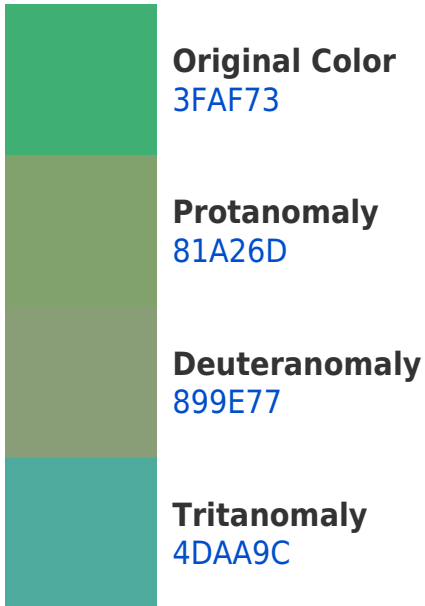
**Protanopia**  
A79A6A

**Deuteranopia**  
B49479



**Tritanopia**  
55A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FAF73 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 #3FAF73 looks like.

```
.text, #text, p{  
    color:#3FAF73  
}
```

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 #3FAF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FAF73  
}
```

## Border

The CSS property to change the border of an element to Hex 3FAF73 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  
#3FAF73 }
```

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

```
.border{ border-color:#3FAF73 }
```

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

Here you see how a box with a 4 pixel #3FAF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FAF73; -webkit-box-shadow:4px 4px  
4px 4px #3FAF73; box-shadow:4px 4px 4px  
4px #3FAF73 }
```

# Background

The CSS property to change the background color of an element to Hex 3FAF73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FAF73 }
```

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

```
.background{ background-color:#3FAF73 }
```

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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