

Converting Colors

Hex(3BA73E)

Have a look what the booklet for
Hex(3BA73E) contains.

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Color

Hex(3BA73E)

Conversions

Conversions Part 1

Format	Color
Hex	3BA73E
RGB	59, 167, 62
RGB Percent	23%, 65%, 24%
CMY	0.7686, 0.3451, 0.7569
CMYK	0.65, 0.00, 0.63, 0.35
HSL	122°, 48%, 44%
HSV	122°, 65%, 65%
XYZ	16.4919, 28.9150, 9.2694
YIQ	122.7380, -30.6630, -55.5510

Conversions

Conversions Part 2

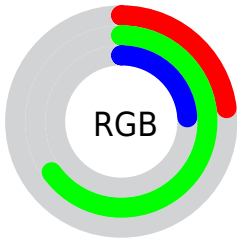
Format	Color
RYB	59, 164, 167
Decimal	3909438
CIELab	60.71, -51.75, 44.27
CIElCh	61, 68.106, 139.456
Yxy	28.9150, 0.3016, 0.5288
Android (android.graphics.Color)	4282099518 (0xFF3BA73E)
YUV	122.7380, -29.9438, -55.8982
Hunter-Lab	53.7727, -39.3571, 27.4204

Details

The Hex color **3BA73E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A73BA4**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **77DF71**, and **007204** is the 20% darker color. If you saturate the color by 10%, you get **2AA72E**, and if you desaturate by 10%, it is **4CA74E**.

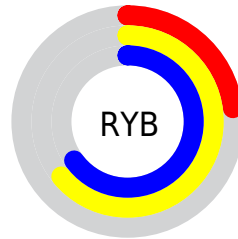
Distribution



Red (23%)

Green (65%)

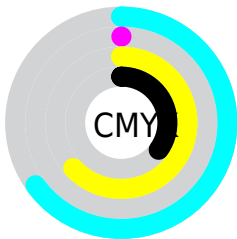
Blue (24%)



Red (23%)

Yellow (64%)

Blue (65%)

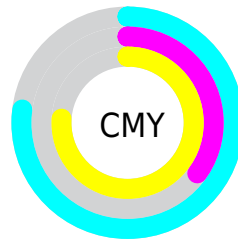


Cyan (65%)

Magenta (0%)

Yellow (63%)

Black (35%)



Cyan (77%)

Magenta (35%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BA73E 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 3BA73E by changing the saturation by 10% instead.



3BA73E



3BA73E

FFFFFF



138C24



77DF71



007204



94FC8C



005800



B1FFA7



004000



CEFFC3



002A00



EBFFDF



000500

FFFFFFC



000000



3BA73E



3BA73E



2AA72E



4CA74E

 1AA71E

 5CA75E

 09A70D

 6DA76F

 00A705

 7EA77F

 8EA78F

 9FA79F

 B0A7B0

 C1A7C0

 D1A7D0

Harmonies

Analogous

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



8A9B00



3BA73E



00AD7A

Triad

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



3BA73E



00A0FF



FD576E

Complementary

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



3BA73E



A73BA4

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.



F358AA



3BA73E



648CFF

Square

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



3BA73E



00AAED



C570E1



E96E37

Rectangle

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



3BA73E



00AEA4



C570E1



FD5482

Sweetspot

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



3BA73E



B0D9B1



A5A73B



546E55



EDEDED



6E6E6E

Same Dimension

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



3BA73E



30D934



3BA773



4C544C



009404



001401

Inverse Universe

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



A73BA4



D930D4



A73B6F



544C54



940090



140014

Previews

White Background



This preview shows how the Hex color 3BA73E looks on a white background.

Color Contrast Check

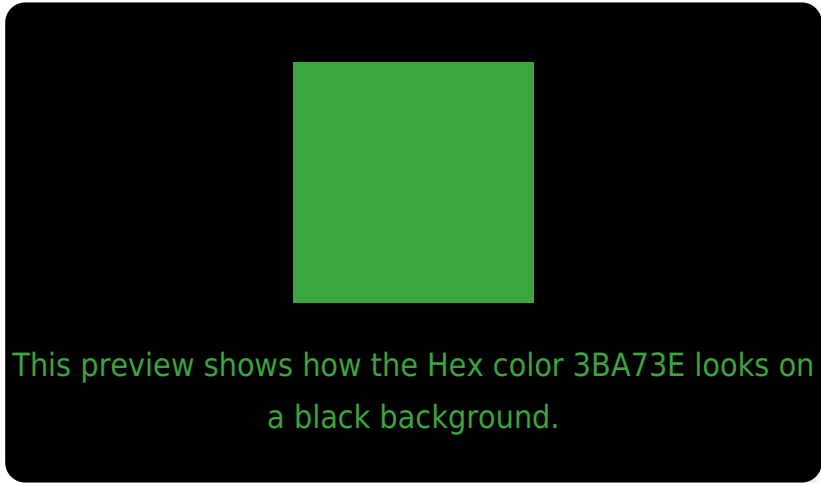
Large Text (above 18pt) WCAG AA ✓ Pass

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

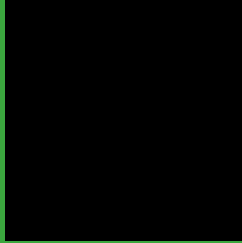
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3BA73E Background



This preview shows how black text looks on a background with the Hex color 3BA73E.



This preview shows how white text looks on a background with the Hex color 3BA73E.

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
3BA73E

Protanopia
A29238

Deuteranopia
B38A47



Tritanopia
579CA9

Trichromacy



Original Color
3BA73E



Protanomaly
7D9A3A



Deuteranomaly
879544



Tritanomaly
4DA082

Monochromacy



Original Color
3BA73E



Achromatopsia
7B7B7B



Achromatomaly
648B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BA73E 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 #3BA73E looks like.

```
.text, #text, p{  
    color:#3BA73E  
}
```

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 #3BA73E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA73E
}
```

Border

The CSS property to change the border of an element to Hex 3BA73E 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
#3BA73E }
```

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

```
.border{ border-color:#3BA73E }
```

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

Here you see how a box with a 4 pixel #3BA73E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA73E; -webkit-box-shadow:4px 4px  
4px 4px #3BA73E; box-shadow:4px 4px 4px  
4px #3BA73E }
```

Background

The CSS property to change the background color of an element to Hex 3BA73E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA73E }
```

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

```
.background{ background-color:#3BA73E }
```

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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