

Converting Colors

Hex(3BA43B)

Have a look what the booklet for
Hex(3BA43B) contains.

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Color

Hex(3BA43B)

Conversions

Conversions Part 1

Format	Color
Hex	3BA43B
RGB	59, 164, 59
RGB Percent	23%, 64%, 23%
CMY	0.7686, 0.3569, 0.7686
CMYK	0.64, 0.00, 0.64, 0.36
HSL	120°, 47%, 44%
HSV	120°, 64%, 64%
XYZ	15.8685, 27.7965, 8.6666
YIQ	120.6350, -28.8750, -54.9150

Conversions

Conversions Part 2

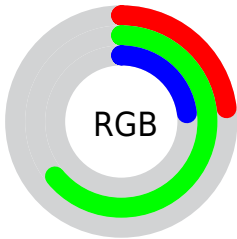
Format	Color
RYB	59, 164, 164
Decimal	3908667
CIELab	59.70, -50.99, 44.49
CIELCh	60, 67.675, 138.894
Yxy	27.7965, 0.3032, 0.5312
Android (android.graphics.Color)	4282098747 (0xFF3BA43B)
YUV	120.6350, -30.3861, -54.0539
Hunter-Lab	52.7224, -38.5388, 27.1595

Details

The Hex color **3BA43B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A43BA4**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **76DC6E**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **2BA42B**, and if you desaturate by 10%, it is **4BA44B**.

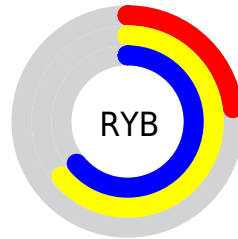
Distribution



Red (23%)

Green (64%)

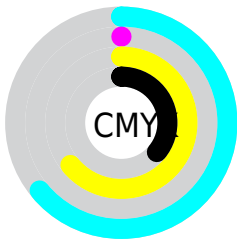
Blue (23%)



Red (23%)

Yellow (64%)

Blue (64%)

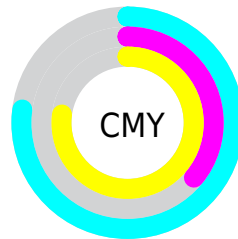


Cyan (64%)

Magenta (0%)

Yellow (64%)

Black (36%)



Cyan (77%)

Magenta (36%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BA43B 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 3BA43B by changing the saturation by 10% instead.



3BA43B



3BA43B

FFFFFF



148921



76DC6E



006F00



93F989



005600



B0FFA4



003D00



CDFFC0



002700



EBFFDC



000000



FFFFFF9



3BA43B



3BA43B



2BA42B



4BA44B

 1AA41A

 5CA45C

 0AA40A

 6CA46C

 00A400

 7DA47D

 8DA48D

 9DA49D

 AEA4AE

 BEA4BE

 CFA4CF

Harmonies

Analogous

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



889800



3BA43B



00AA77

Triad

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



3BA43B



009DFF



F9556D

Complementary

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



3BA43B



A43BA4

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.



EF55A9



3BA43B



5F89FF

Square

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



3BA43B



00A8E9



C16EDF



E66C36

Rectangle

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



3BA43B



00ABA0



C16EDF



FA5281

Sweetspot

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



3BA43B



AED6AE



A4A43B



526B52



EBEBEB



6B6B6B

Same Dimension

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



3BA43B



31D631



3BA470



495249



009100



001200

Inverse Universe

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



A43BA4



D631D6



A43B70



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 3BA43B looks on a white background.

Color Contrast Check

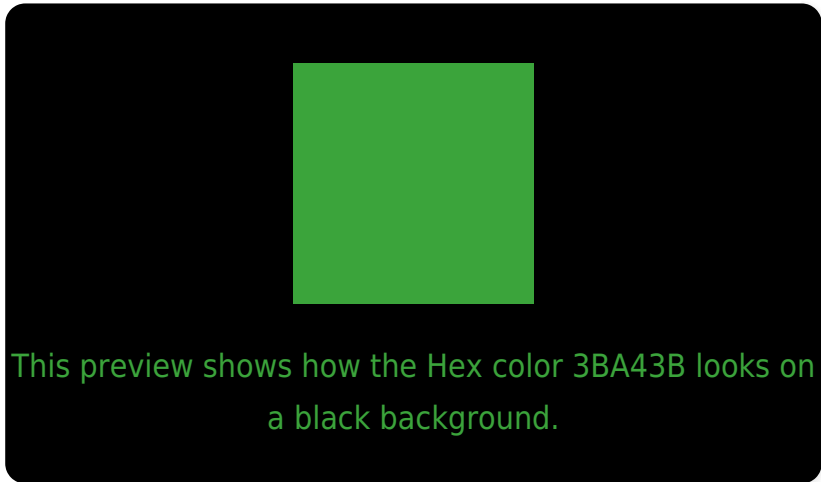
Large Text (above 18pt) WCAG AA ✓ Pass

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

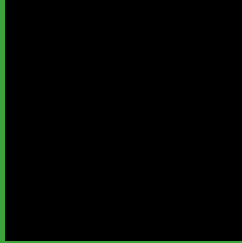
Any Text WCAG AA ✓ Pass

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 3BA43B Background



This preview shows how black text looks on a background with the Hex color 3BA43B.



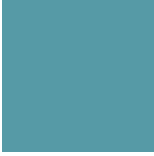
This preview shows how white text looks on a background with the Hex color 3BA43B.

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](#).

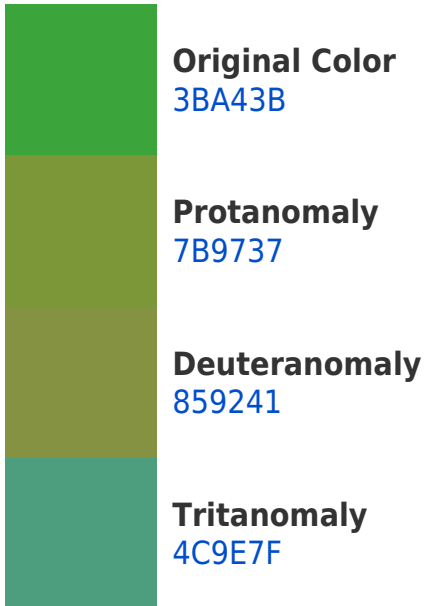
Dichromacy



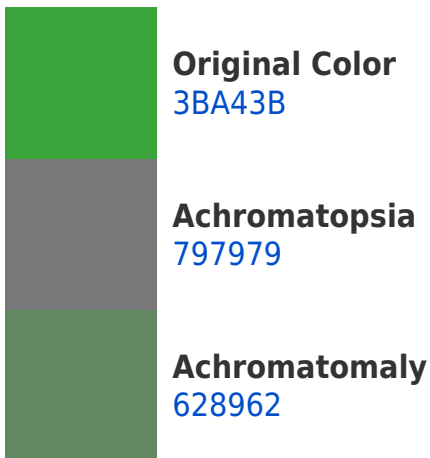


Tritanopia
569AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BA43B 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 #3BA43B looks like.

```
.text, #text, p{  
    color:#3BA43B  
}
```

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 #3BA43B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA43B  
}
```

Border

The CSS property to change the border of an element to Hex 3BA43B 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  
#3BA43B }
```

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

```
.border{ border-color:#3BA43B }
```

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

Here you see how a box with a 4 pixel #3BA43B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA43B; -webkit-box-shadow:4px 4px  
4px 4px #3BA43B; box-shadow:4px 4px 4px  
4px #3BA43B }
```

Background

The CSS property to change the background color of an element to Hex 3BA43B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA43B }
```

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

```
.background{ background-color:#3BA43B }
```

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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