

Converting Colors

Hex(3B9A43)

Have a look what the booklet for
Hex(3B9A43) contains.

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Color

Hex(3B9A43)

Conversions

Conversions Part 1

Format	Color
Hex	3B9A43
RGB	59, 154, 67
RGB Percent	23%, 60%, 26%
CMY	0.7686, 0.3961, 0.7373
CMYK	0.62, 0.00, 0.56, 0.40
HSL	125°, 45%, 42%
HSV	125°, 62%, 60%
XYZ	14.3724, 24.4463, 9.2713
YIQ	115.6770, -28.6930, -47.1970

Conversions

Conversions Part 2

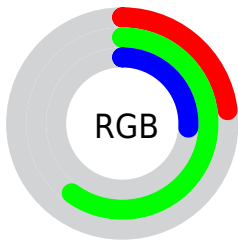
Format	Color
RYB	59, 147, 154
Decimal	3906115
CIELab	56.53, -46.26, 37.07
CIELCh	57, 59.277, 141.295
Yxy	24.4463, 0.2989, 0.5083
Android (android.graphics.Color)	4282096195 (0xFF3B9A43)
YUV	115.6770, -23.9978, -49.7057
Hunter-Lab	49.4432, -34.6384, 23.4925

Details

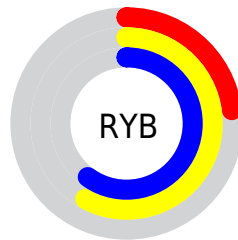
The Hex color **3B9A43** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A3B92**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **74D175**, and **006611** is the 20% darker color. If you saturate the color by 10%, you get **2C9A35**, and if you desaturate by 10%, it is **4A9A51**.

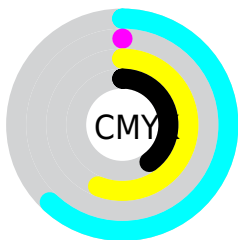
Distribution



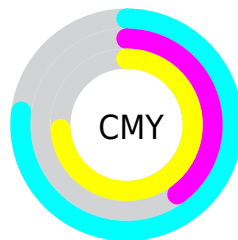
- Red (23%)
- Green (60%)
- Blue (26%)



- Red (23%)
- Yellow (58%)
- Blue (60%)



- Cyan (62%)
- Magenta (0%)
- Yellow (56%)
- Black (40%)



- Cyan (77%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9A43 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 3B9A43 by changing the saturation by 10% instead.

 3B9A43

 3B9A43

FFFFFF

 197F2B

 74D175

 006611

 90EE90

 004D00

 ADFFAB

 003500

 C9FFC6

 001F00

 E7FFE3

 000000

 3B9A43

 3B9A43

 2C9A35

 4A9A51

 1C9A27

 5A9A5F

 0D9A19

 699A6D

 009A0D

 799A7B

 889A8A

 979A98

 A79AA6

 B69AB4

 C69AC2

Harmonies

Analogous

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



7E9019



3B9A43



009F76

Triad

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



3B9A43



0092EE



E45865

Complementary

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



3B9A43



9A3B92

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.



DD5799



3B9A43



6B80E8

Square

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



3B9A43



009CD7



B769C9



D26B37

Rectangle

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



3B9A43



00A09A



B769C9



E55576

Sweetspot

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



3B9A43



A3C9A6



929A3B



4F6651



E6E6E6



666666

Same Dimension

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



3B9A43



34C941



3B9A72



454D45



008C0C



000D01

Inverse Universe

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



9A3B92



C934BD



9A3B63



4D454C



8C0080



0D000C

Previews

White Background



This preview shows how the Hex color 3B9A43 looks on a white background.

Color Contrast Check

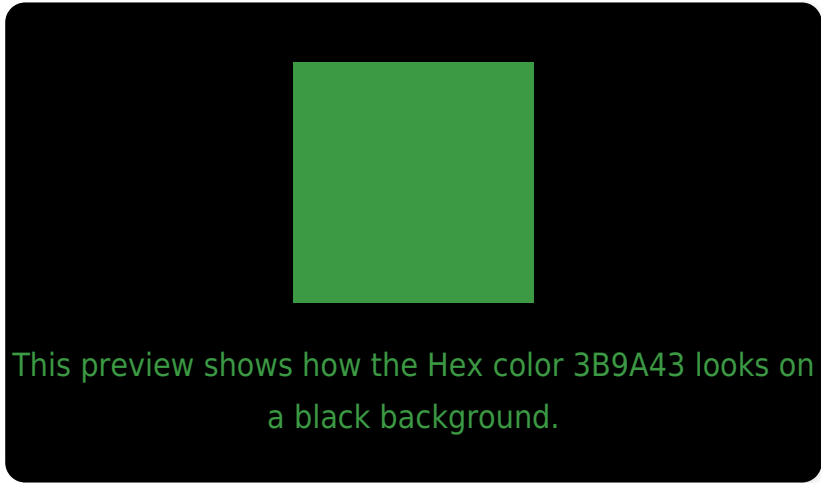
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B9A43 Background



This preview shows how black text looks on a background with the Hex color 3B9A43.



This preview shows how white text looks on a background with the Hex color 3B9A43.

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
3B9A43

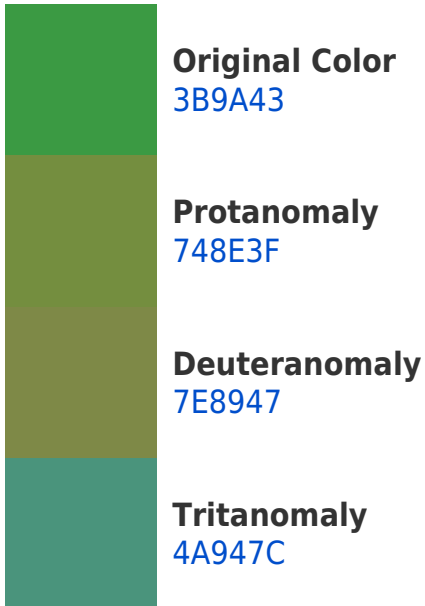
Protanopia
95873D

Deuteranopia
A5804A



Tritanopia
52919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9A43 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 #3B9A43 looks like.

```
.text, #text, p{  
    color:#3B9A43  
}
```

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 #3B9A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9A43
}
```

Border

The CSS property to change the border of an element to Hex 3B9A43 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
#3B9A43 }
```

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

```
.border{ border-color:#3B9A43 }
```

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

Here you see how a box with a 4 pixel #3B9A43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9A43; -webkit-box-shadow:4px 4px  
4px 4px #3B9A43; box-shadow:4px 4px 4px  
4px #3B9A43 }
```

Background

The CSS property to change the background color of an element to Hex 3B9A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9A43 }
```

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

```
.background{ background-color:#3B9A43 }
```

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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