

Converting Colors

Hex(3B9A5B)

Have a look what the booklet for
Hex(3B9A5B) contains.

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Color

Hex(3B9A5B)

Conversions

Conversions Part 1

Format	Color
Hex	3B9A5B
RGB	59, 154, 91
RGB Percent	23%, 60%, 36%
CMY	0.7686, 0.3961, 0.6431
CMYK	0.62, 0.00, 0.41, 0.40
HSL	140°, 45%, 42%
HSV	140°, 62%, 60%
XYZ	15.2476, 24.7963, 13.8801
YIQ	118.4130, -36.3970, -39.7330

Conversions

Conversions Part 2

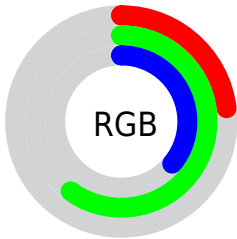
Format	Color
RYB	59, 130, 154
Decimal	3906139
CIELab	56.88, -42.44, 24.99
CIElCh	57, 49.255, 149.508
Yxy	24.7963, 0.2828, 0.4598
Android (android.graphics.Color)	4282096219 (0xFF3B9A5B)
YUV	118.4130, -13.5146, -52.1052
Hunter-Lab	49.7959, -32.4860, 18.3307

Details

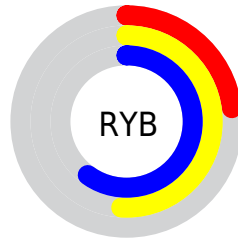
The Hex color **3B9A5B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A3B7A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **73D18E**, and **00662C** is the 20% darker color. If you saturate the color by 10%, you get **2C9A51**, and if you desaturate by 10%, it is **4A9A65**.

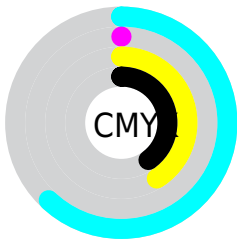
Distribution



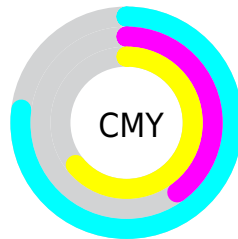
- Red (23%)
- Green (60%)
- Blue (36%)



- Red (23%)
- Yellow (51%)
- Blue (60%)



- Cyan (62%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)



- Cyan (77%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9A5B 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 3B9A5B by changing the saturation by 10% instead.



3B9A5B



3B9A5B

FFFFFF



1A7F43



73D18E



00662C



8FEEA8



004D16



ACFFC4



003500



C8FFE0



002000



E5FFFD



000000



3B9A5B



3B9A5B



2C9A51



4A9A65



1C9A47



5A9A6F

 0D9A3C

 699A7A

 009A34

 799A84

 889A8E

 979A98

 A79AA2

 B69AAD

 C69AB7

Harmonies

Analogous

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



769239



3B9A5B



009D86

Triad

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



3B9A5B



238DDE



D66761

Complementary

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



3B9A5B



9A3B7A

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.



D5628B



3B9A5B



897DD3

Square

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



3B9A5B



0098D2



BC6CB5



C2763E

Rectangle

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



3B9A5B



009EA4



BC6CB5



D8646E

Sweetspot

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



3B9A5B



A3C9B0



7A9A3B



4F6656



E6E6E6



666666

Same Dimension

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



3B9A5B



34C967



3B9A8A



454D47



008C2F



000D04

Inverse Universe

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



9A3B7A



C93497



9A3B4B



4D454A



8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 3B9A5B looks on a white background.

Color Contrast Check

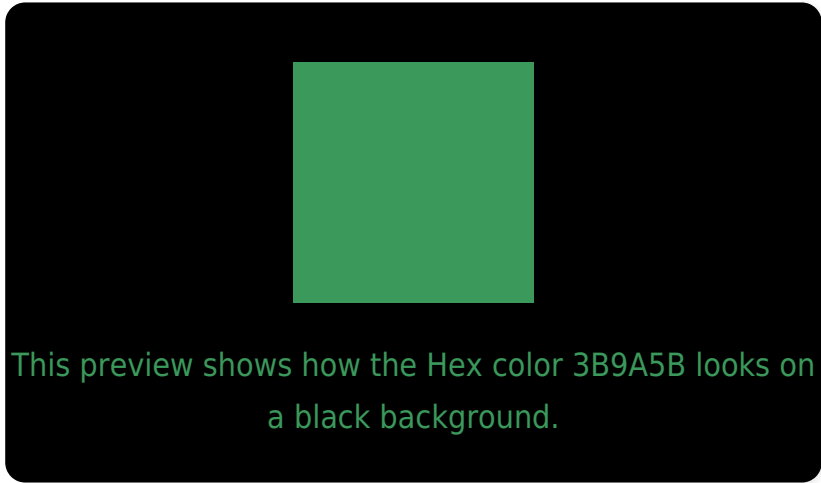
Large Text (above 18pt) WCAG AA ✓ Pass

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

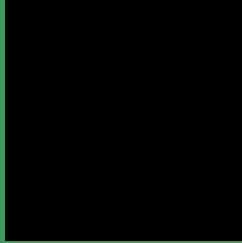
Any Text WCAG AA ✓ Pass

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 3B9A5B Background



This preview shows how black text looks on a background with the Hex color 3B9A5B.



This preview shows how white text looks on a background with the Hex color 3B9A5B.

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](#).

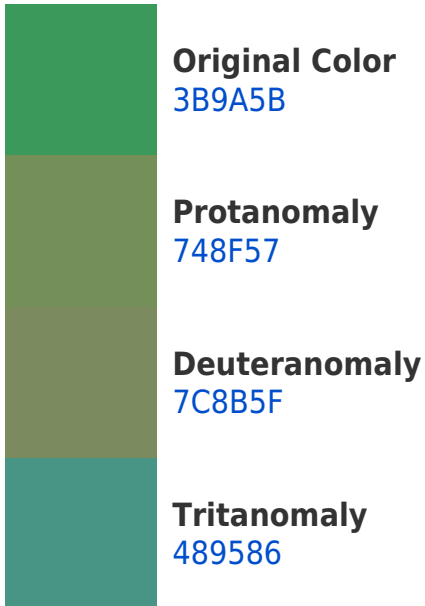
Dichromacy



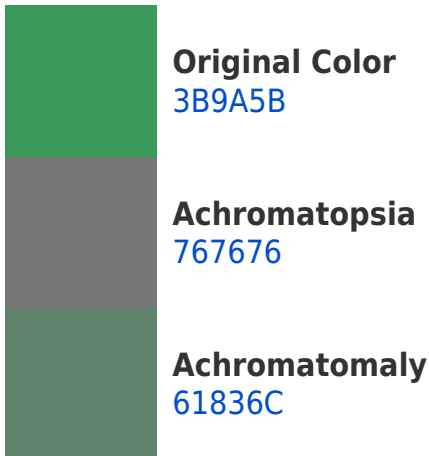


Tritanopia
4F929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9A5B 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 #3B9A5B looks like.

```
.text, #text, p{  
    color:#3B9A5B  
}
```

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 #3B9A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9A5B
}
```

Border

The CSS property to change the border of an element to Hex 3B9A5B 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
#3B9A5B }
```

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

```
.border{ border-color:#3B9A5B }
```

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

Here you see how a box with a 4 pixel #3B9A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9A5B; -webkit-box-shadow:4px 4px  
4px 4px #3B9A5B; box-shadow:4px 4px 4px  
4px #3B9A5B }
```

Background

The CSS property to change the background color of an element to Hex 3B9A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9A5B }
```

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

```
.background{ background-color:#3B9A5B }
```

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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