

Converting Colors

Hex(3B8759)

Have a look what the booklet for
Hex(3B8759) contains.

Hex(3B8759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B8759)

Conversions

Conversions Part 1

Format	Color
Hex	3B8759
RGB	59, 135, 89
RGB Percent	23%, 53%, 35%
CMY	0.7686, 0.4706, 0.6510
CMYK	0.56, 0.00, 0.34, 0.47
HSL	144°, 39%, 38%
HSV	144°, 56%, 53%
XYZ	12.2708, 18.9790, 12.4678
YIQ	107.0320, -30.5300, -30.4180

Conversions

Conversions Part 2

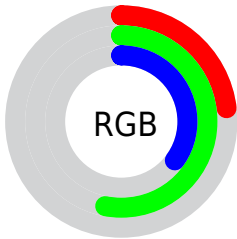
Format	Color
RYB	59, 113, 135
Decimal	3901273
CIELab	50.66, -34.63, 17.82
CIElCh	51, 38.947, 152.778
Yxy	18.9790, 0.2807, 0.4341
Android (android.graphics.Color)	4282091353 (0xFF3B8759)
YUV	107.0320, -8.8898, -42.1241
Hunter-Lab	43.5649, -25.9611, 13.5273

Details

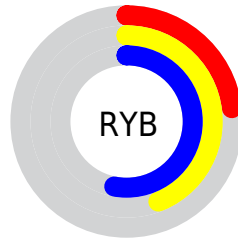
The Hex color **3B8759** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **873B69**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **70BD8B**, and **00542B** is the 20% darker color. If you saturate the color by 10%, you get **2D8751**, and if you desaturate by 10%, it is **498761**.

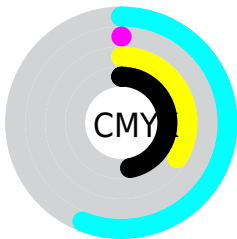
Distribution



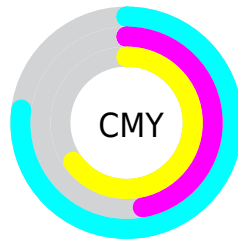
- Red (23%)
- Green (53%)
- Blue (35%)



- Red (23%)
- Yellow (44%)
- Blue (53%)



- Cyan (56%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)



- Cyan (77%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8759 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 3B8759 by changing the saturation by 10% instead.



3B8759



3B8759

FFFFFF



1E6D41



70BD8B



00542B



8CD9A6



003C16



A7F6C1



002700



C3FFDD



000500



E0FFFA



000000

FDFFFF



3B8759



3B8759



2D8751



498761

■ 208749

■ 568769

■ 128740

■ 648772

■ 058738

■ 71877A

■ 008735

■ 7F8782

■ 8C878A

■ 9A8792

■ A7879A

■ B587A3

Harmonies

Analogous

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



67813F



3B8759



00897B

Triad

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



3B8759



447BBB



B56156

Complementary

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



3B8759



873B69

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.



B65D77



3B8759



7F6FB1

Square

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



3B8759



0084B3



A46298



A46C3E

Rectangle

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



3B8759



008991



A46298



B75E61

Sweetspot

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



3B8759



92B09E



6A873B



47594E



D9D9D9



595959

Same Dimension

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



3B8759



38B068



3B877E



3C423E



008233



000301

Inverse Universe

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



873B69



B03881



873B44



423C40



82004F



030002

Previews

White Background



This preview shows how the Hex color 3B8759 looks on a white background.

Color Contrast Check

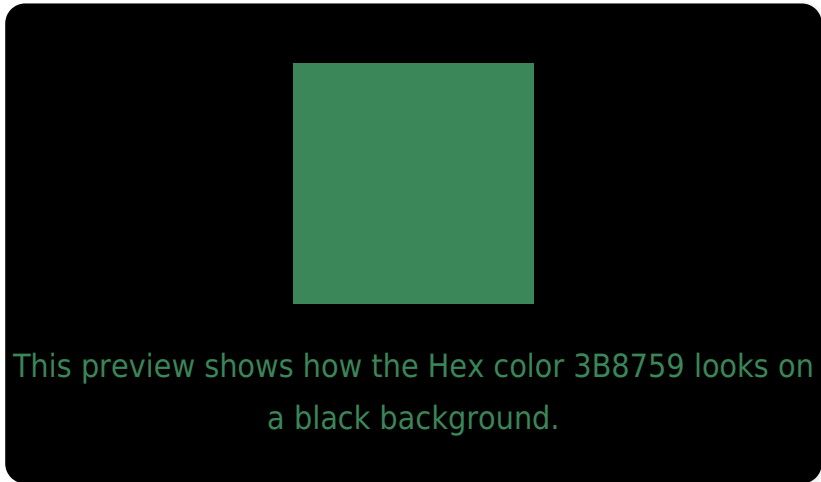
Large Text (above 18pt) WCAG AA ✓ Pass

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

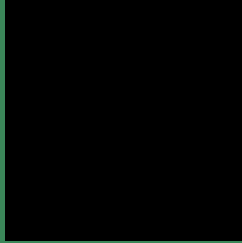
Any Text WCAG AA ✓ Pass

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 3B8759 Background



This preview shows how black text looks on a background with the Hex color 3B8759.



This preview shows how white text looks on a background with the Hex color 3B8759.

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
49818B

Trichromacy



Original Color
3B8759



Protanomaly
687D55



Deuteranomaly
6F7A5C



Tritanomaly
448379

Monochromacy



Original Color
3B8759



Achromatopsia
6B6B6B



Achromatomaly
5A7564

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8759 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 #3B8759 looks like.

```
.text, #text, p{  
    color:#3B8759  
}
```

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 #3B8759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8759
}
```

Border

The CSS property to change the border of an element to Hex 3B8759 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
#3B8759 }
```

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

```
.border{ border-color:#3B8759 }
```

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

Here you see how a box with a 4 pixel #3B8759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8759; -webkit-box-shadow:4px 4px  
4px 4px #3B8759; box-shadow:4px 4px 4px  
4px #3B8759 }
```

Background

The CSS property to change the background color of an element to Hex 3B8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8759 }
```

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

```
.background{ background-color:#3B8759 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor