

Converting Colors

Hex(3B8049)

Have a look what the booklet for
Hex(3B8049) contains.

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Color

Hex(3B8049)

Conversions

Conversions Part 1

Format	Color
Hex	3B8049
RGB	59, 128, 73
RGB Percent	23%, 50%, 29%
CMY	0.7686, 0.4980, 0.7137
CMYK	0.54, 0.00, 0.43, 0.50
HSL	132°, 37%, 37%
HSV	132°, 54%, 50%
XYZ	10.7254, 16.8492, 8.9903
YIQ	101.0990, -23.4690, -31.7330

Conversions

Conversions Part 2

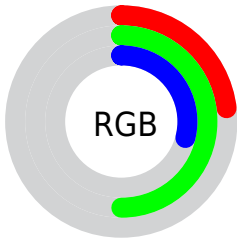
Format	Color
RYB	59, 116, 128
Decimal	3899465
CIELab	48.07, -34.54, 23.37
CIElCh	48, 41.709, 145.915
Yxy	16.8492, 0.2933, 0.4608
Android (android.graphics.Color)	4282089545 (0xFF3B8049)
YUV	101.0990, -13.8528, -36.9208
Hunter-Lab	41.0478, -25.1932, 15.7478

Details

The Hex color **3B8049** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **803B72**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **70B57A**, and **004E1C** is the 20% darker color. If you saturate the color by 10%, you get **2E803F**, and if you desaturate by 10%, it is **488053**.

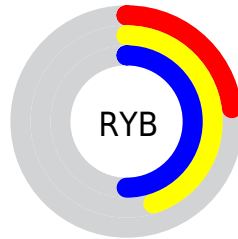
Distribution



Red (23%)

Green (50%)

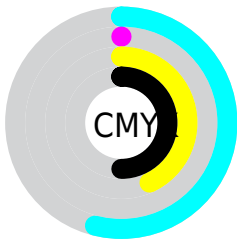
Blue (29%)



Red (23%)

Yellow (45%)

Blue (50%)

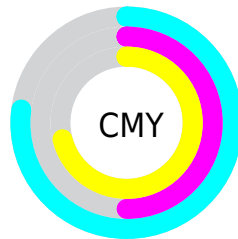


Cyan (54%)

Magenta (0%)

Yellow (43%)

Black (50%)



Cyan (77%)

Magenta (50%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8049 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 3B8049 by changing the saturation by 10% instead.

 3B8049

 3B8049

FFFFFF

 1F6732

 70B57A

 004E1C

 8BD194

 003604

 A6EEAF

 002300

 C2FFCB

 000000

 DFFFE7

 FCFFFF

 3B8049

 3B8049


 2E803F

 488053

 218035

 55805D

 15802A

 618068

 088020

 6E8072

 00801A

 7B807C

 888086

 958090

 A1809B

 AE80A5

Harmonies

Analogous

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



68792F



3B8049



00836C

Triad

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



3B8049



0F77B8



B35655

Complementary

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



3B8049



803B72

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.



B05478



3B8049



6C6BB2

Square

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



3B8049



0080AC



995D9A



A46138

Rectangle

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



3B8049



008484



995D9A



B45461

Sweetspot

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



3B8049



8BA691



72803B



445447



D4D4D4



545454

Same Dimension

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



3B8049



3AA650



3B806B



39403B



00801A



000000

Inverse Universe

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



803B72



A63A90



803B50



40393E



800066



000000

Previews

White Background



This preview shows how the Hex color 3B8049 looks on a white background.

Color Contrast Check

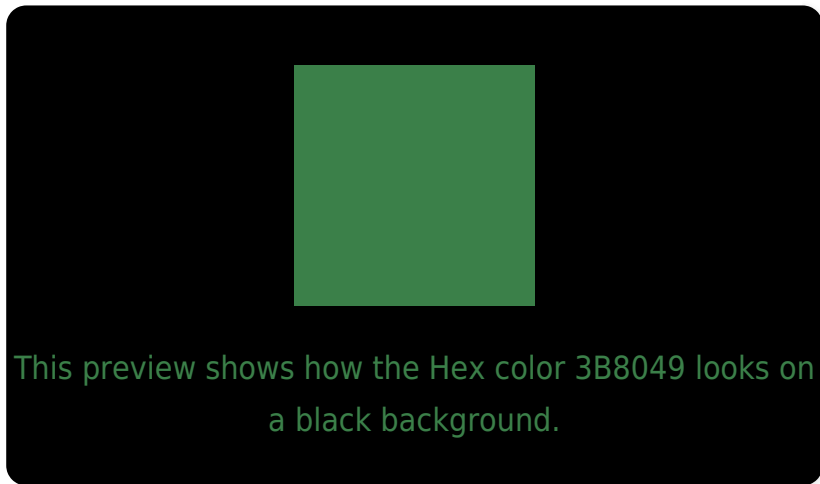
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

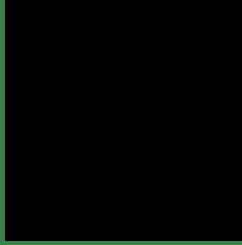
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3B8049 Background



This preview shows how black text looks on a background with the Hex color 3B8049.



This preview shows how white text looks on a background with the Hex color 3B8049.

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
3B8049

Protanopia
7C7243

Deuteranopia
886D4E



Tritanopia
497983

Trichromacy



Original Color
3B8049

Protanomaly
647745

Deuteranomaly
6C744C

Tritanomaly
447C6E

Monochromacy



Original Color
3B8049

Achromatopsia
656565

Achromatomaly
566F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8049 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 #3B8049 looks like.

```
.text, #text, p{  
    color:#3B8049  
}
```

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 #3B8049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8049
}
```

Border

The CSS property to change the border of an element to Hex 3B8049 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
#3B8049 }
```

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

```
.border{ border-color:#3B8049 }
```

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

Here you see how a box with a 4 pixel #3B8049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8049; -webkit-box-shadow:4px 4px  
4px 4px #3B8049; box-shadow:4px 4px 4px  
4px #3B8049 }
```

Background

The CSS property to change the background color of an element to Hex 3B8049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8049 }
```

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

```
.background{ background-color:#3B8049 }
```

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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