

Converting Colors

Hex(3B9D77)

Have a look what the booklet for
Hex(3B9D77) contains.

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Color

Hex(3B9D77)

Conversions

Conversions Part 1

Format	Color
Hex	3B9D77
RGB	59, 157, 119
RGB Percent	23%, 62%, 47%
CMY	0.7686, 0.3843, 0.5333
CMYK	0.62, 0.00, 0.24, 0.38
HSL	157°, 45%, 42%
HSV	157°, 62%, 62%
XYZ	17.1904, 26.3757, 21.6377
YIQ	123.3660, -46.2100, -32.5940

Conversions

Conversions Part 2

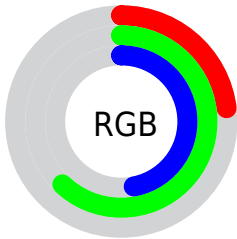
Format	Color
RYB	59, 120, 157
Decimal	3906935
CIELab	58.39, -37.89, 11.55
CIELCh	58, 39.615, 163.048
Yxy	26.3757, 0.2636, 0.4045
Android (android.graphics.Color)	4282097015 (0xFF3B9D77)
YUV	123.3660, -2.1524, -56.4490
Hunter-Lab	51.3572, -30.1274, 10.9701

Details

The Hex color **3B9D77** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9D3B61**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **74D4AB**, and **006947** is the 20% darker color. If you saturate the color by 10%, you get **2B9D71**, and if you desaturate by 10%, it is **4B9D7D**.

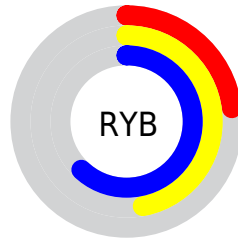
Distribution



Red (23%)

Green (62%)

Blue (47%)



Red (23%)

Yellow (47%)

Blue (62%)

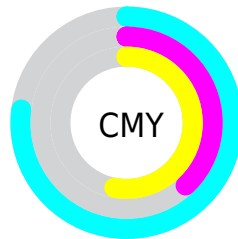


Cyan (62%)

Magenta (0%)

Yellow (24%)

Black (38%)



Cyan (77%)

Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9D77 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 3B9D77 by changing the saturation by 10% instead.

 3B9D77

 3B9D77

FFFFFF

 19825E

 74D4AB

 006947

 90F1C7

 005030

 ACFFE3

 00381B

 C9FFFF

 002401

 E7FFFF

 000000

 3B9D77

 3B9D77

 2B9D71

 4B9D7D

 1C9D6B

 5A9D83

 0C9D65

 6A9D89

 009D60

 7A9D8F

 8A9D95

 999D9C

 A99DA2

 B99DA8

 C89DAE

Harmonies

Analogous

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



6D9858



3B9D77



009E9B

Triad

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



3B9D77



708BD0



C8775F

Complementary

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



3B9D77



9D3B61

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.



CF707E



3B9D77



A37EBF

Square

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



3B9D77



1B96CE



C373A2



B2834A

Rectangle

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



3B9D77



009DB1



C373A2



CC7468

Sweetspot

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



3B9D77



A5CCBD



629D3B



4F665D



E6E6E6



666666

Same Dimension

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



3B9D77



33CC91



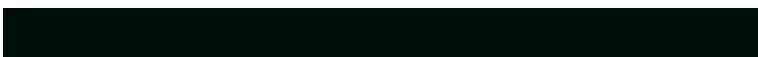
3B939D



474F4C



008F57



000F09

Inverse Universe

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



9D3B61



CC336E



9D453B



4F474A



8F0037



0F0006

Previews

White Background



This preview shows how the Hex color 3B9D77 looks on a white background.

Color Contrast Check

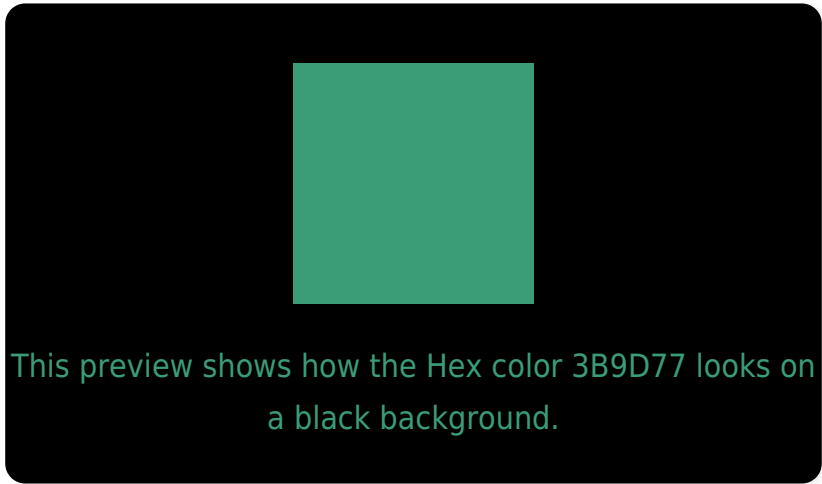
Large Text (above 18pt) WCAG AA ✓ Pass

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

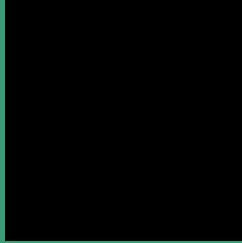
Any Text WCAG AA ✓ Pass

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 3B9D77 Background



This preview shows how black text looks on a background with the Hex color 3B9D77.



This preview shows how white text looks on a background with the Hex color 3B9D77.

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
4B97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9D77 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 #3B9D77 looks like.

```
.text, #text, p{  
    color:#3B9D77  
}
```

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 #3B9D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9D77
}
```

Border

The CSS property to change the border of an element to Hex 3B9D77 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
#3B9D77 }
```

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

```
.border{ border-color:#3B9D77 }
```

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

Here you see how a box with a 4 pixel #3B9D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9D77; -webkit-box-shadow:4px 4px  
4px 4px #3B9D77; box-shadow:4px 4px 4px  
4px #3B9D77 }
```

Background

The CSS property to change the background color of an element to Hex 3B9D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9D77 }
```

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

```
.background{ background-color:#3B9D77 }
```

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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