

Converting Colors

Hex(3BBA81)

Have a look what the booklet for
Hex(3BBA81) contains.

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Color

Hex(3BBA81)

Conversions

Conversions Part 1

Format	Color
Hex	3BBA81
RGB	59, 186, 129
RGB Percent	23%, 73%, 51%
CMY	0.7686, 0.2706, 0.4941
CMYK	0.68, 0.00, 0.31, 0.27
HSL	153°, 52%, 48%
HSV	153°, 68%, 73%
XYZ	23.3250, 37.6326, 26.8033
YIQ	141.5290, -57.3950, -44.6510

Conversions

Conversions Part 2

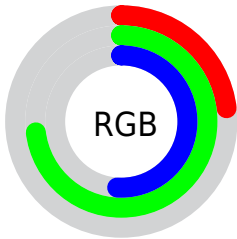
Format	Color
RYB	59, 141, 186
Decimal	3914369
CIELab	67.75, -47.95, 19.05
CIElCh	68, 51.594, 158.332
Yxy	37.6326, 0.2658, 0.4288
Android (android.graphics.Color)	4282104449 (0xFF3BBA81)
YUV	141.5290, -6.1768, -72.3779
Hunter-Lab	61.3454, -39.4845, 17.0365

Details

The Hex color **3BBA81** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA3B74**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **79F3B6**, and **00844F** is the 20% darker color. If you saturate the color by 10%, you get **28BA79**, and if you desaturate by 10%, it is **4EBA89**.

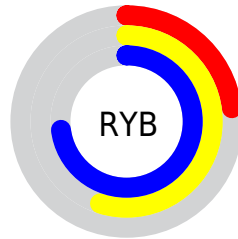
Distribution



Red (23%)

Green (73%)

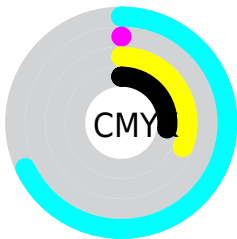
Blue (51%)



Red (23%)

Yellow (55%)

Blue (73%)

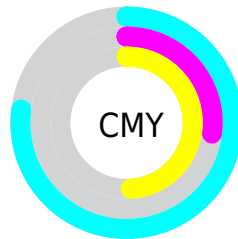


Cyan (68%)

Magenta (0%)

Yellow (31%)

Black (27%)



Cyan (77%)

Magenta (27%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BBA81 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 3BBA81 by changing the saturation by 10% instead.


 3BBA81

 3BBA81

FFFFFF

 0D9E68

 79F3B6

 00844F

 96FFD2

 006A38

 B4FFEE

 005022

 D1FFFF

 00380D

 EFFFFFFF

 002200

 000000

 3BBA81

 3BBA81

 28BA79

 4EBA89

 16BA70

 60BA92

 03BA68

 73BA9A

 00BA67

 85BAA2

 98BAAB

 ABBAB3

 BDBABB

 D0BAC4

 E2BACC

Harmonies

Analogous

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



82B359



3BBA81



00BDB1

Triad

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



3BBA81



6BA6FF



F6866E

Complementary

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



3BBA81



BA3B74

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.



FC7D9A



3BBA81



BA94EE

Square

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



3BBA81



00B3FB



E883C8



DC964E

Rectangle

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



3BBA81



00BCD0



E883C8



FA817B

Sweetspot

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



3BBA81



C2F2DD



74BA3B



5D7A6D



FAFAFA



7A7A7A

Same Dimension

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



3BBA81



2CF299



3BB4BA



535C58



009C56



001C0F

Inverse Universe

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



BA3B74



F22C85



BA413B



5C5357



9C0046



1C000D

Previews

White Background



This preview shows how the Hex color 3BBA81 looks on a white background.

Color Contrast Check

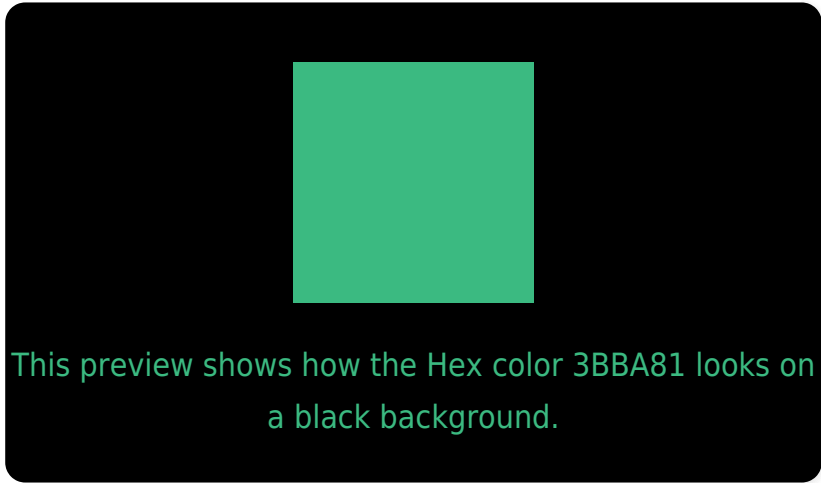
Large Text (above 18pt) WCAG AA × Fail

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

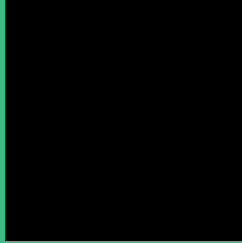
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 3BBA81 Background



This preview shows how black text looks on a background with the Hex color 3BBA81.

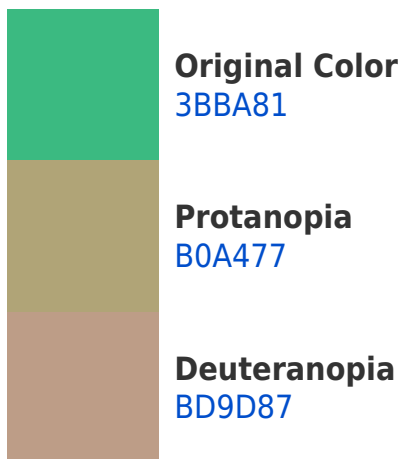


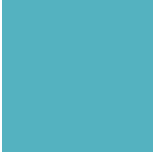
This preview shows how white text looks on a background with the Hex color 3BBA81.

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
54B2C0

Trichromacy



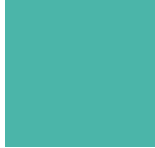
Original Color
3BBA81



Protanomaly
85AC7B



Deuteranomaly
8EA885



Tritanomaly
4BB5A9

Monochromacy



Original Color
3BBA81



Achromatopsia
8E8E8E



Achromatomaly
709E89

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BBA81 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 #3BBA81 looks like.

```
.text, #text, p{  
    color:#3BBA81  
}
```

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 #3BBA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BBA81
}
```

Border

The CSS property to change the border of an element to Hex 3BBA81 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
#3BBA81 }
```

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

```
.border{ border-color:#3BBA81 }
```

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

Here you see how a box with a 4 pixel #3BBA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BBA81; -webkit-box-shadow:4px 4px  
4px 4px #3BBA81; box-shadow:4px 4px 4px  
4px #3BBA81 }
```

Background

The CSS property to change the background color of an element to Hex 3BBA81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BBA81 }
```

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

```
.background{ background-color:#3BBA81 }
```

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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