

Converting Colors

Hex(3BBDAA)

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

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Color

Hex(3BBDAA)

Conversions

Conversions Part 1

Format	Color
Hex	3BBDAA
RGB	59, 189, 170
RGB Percent	23%, 74%, 67%
CMY	0.7686, 0.2588, 0.3333
CMYK	0.69, 0.00, 0.10, 0.26
HSL	171°, 52%, 49%
HSV	171°, 69%, 74%
XYZ	27.2569, 40.2273, 44.3583
YIQ	147.9640, -71.3810, -33.4690

Conversions

Conversions Part 2

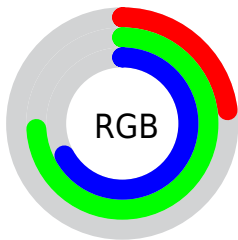
Format	Color
RYB	59, 129, 189
Decimal	3915178
CIELab	69.63, -39.38, -0.62
CIElCh	70, 39.381, 180.908
Yxy	40.2273, 0.2437, 0.3597
Android (android.graphics.Color)	4282105258 (0xFF3BBDAA)
YUV	147.9640, 10.8637, -78.0214
Hunter-Lab	63.4250, -34.2832, 2.9312

Details

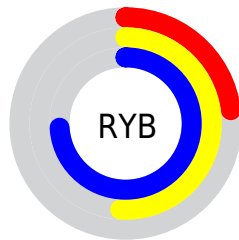
The Hex color **3BBDAA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BD3B4E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7BF6E1**, and **008776** is the 20% darker color. If you saturate the color by 10%, you get **28BDA7**, and if you desaturate by 10%, it is **4EBDAD**.

Distribution



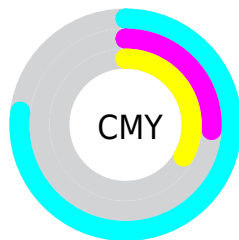
- Red (23%)
- Green (74%)
- Blue (67%)



- Red (23%)
- Yellow (51%)
- Blue (74%)



- Cyan (69%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (77%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 3BBDAA

 3BBDAA

FFFFFF

 05A290

 7BF6E1

 008776

 99FFFE

 006D5D

 B7FFFF

 005446

 D5FFFF

 003C30

 F3FFFF

 00271B

 000000

 3BBDAA

 3BBDAA

 28BDA7

 4EBDAD

■ 15BDA4

■ 61BDB0

■ 02BDA2

■ 74BDB2

■ 00BDA1

■ 87BDB5

■ 9ABDB8

■ ACBDBB

■ BFBDBD

■ D2BDC0

■ E5BDC3

Harmonies

Analogous

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



70BA86



3BBDAA



00BCCE

Triad

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



3BBDAA



AFA0E7



DD9C6D

Complementary

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



3BBDAA



BD3B4E

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.



EE9187



3BBDAA



D894CD

Square

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



3BBDAA



77ADF1



ED8EAA



C0A862

Rectangle

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



3BBDAA



0AB9E1



ED8EAA



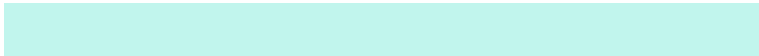
E49874

Sweetspot

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



3BBDAA



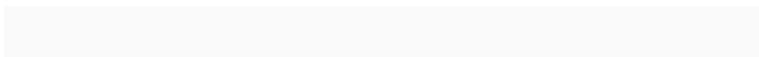
C1F5ED



4EBD3B



5C7A76



FAFAFA



7A7A7A

Same Dimension

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



3BBDAA



2AF5D7



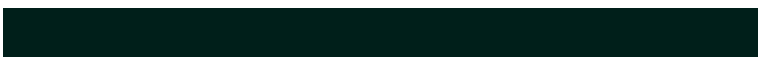
3B90BD



555E5D



009E87



001F1A

Inverse Universe

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



BD3B4E



F52A47



BD683B



5E5556



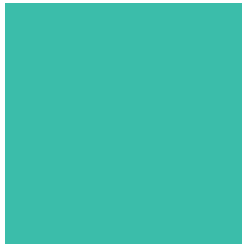
9E0017



1F0004

Previews

White Background



This preview shows how the Hex color 3BBDAA 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



This preview shows how the Hex color 3BBDAA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

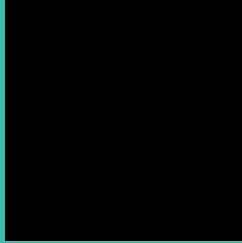
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

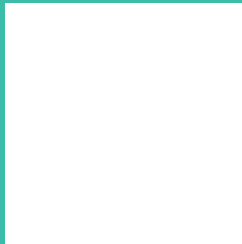
Any Text WCAG AAA ✓ Pass

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

Hex 3BBDAA Background



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

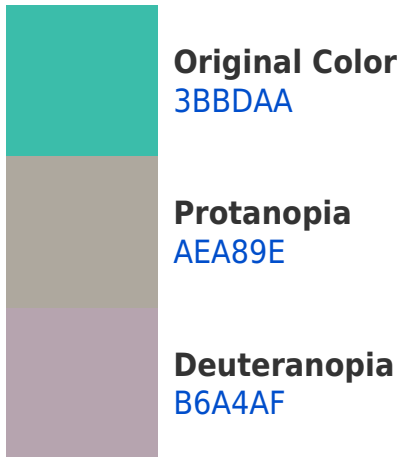


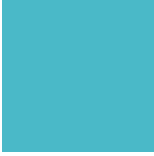
This preview shows how white text looks on a background with the Hex color 3BBDAA.

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
4AB9C8

Trichromacy



Original Color

3BBDAA



Protanomaly

84B0A2



Deuteranomaly

89ADAD



Tritanomaly

45BABD

Monochromacy



Original Color

3BBDAA



Achromatopsia

949494



Achromatomaly

74A39C

CSS Examples

Text

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

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

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 #3BBDAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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