

Converting Colors

Hex(3BD99A)

Have a look what the booklet for
Hex(3BD99A) contains.

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Color

Hex(3BD99A)

Conversions

Conversions Part 1

Format	Color
Hex	3BD99A
RGB	59, 217, 154
RGB Percent	23%, 85%, 60%
CMY	0.7686, 0.1490, 0.3961
CMYK	0.73, 0.00, 0.29, 0.15
HSL	156°, 68%, 54%
HSV	156°, 73%, 85%
XYZ	32.4492, 52.8886, 39.0701
YIQ	162.5760, -73.9450, -53.0890

Conversions

Conversions Part 2

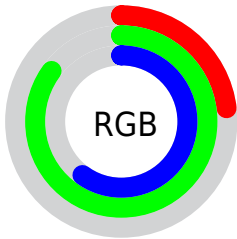
Format	Color
RYB	59, 158, 217
Decimal	3922330
CIELab	77.81, -54.89, 19.62
CIELCh	78, 58.295, 160.333
Yxy	52.8886, 0.2608, 0.4251
Android (android.graphics.Color)	4282112410 (0xFF3BD99A)
YUV	162.5760, -4.2280, -90.8362
Hunter-Lab	72.7246, -47.6224, 19.0546

Details

The Hex color **3BD99A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **D93B7A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7FFFD1**, and **00A167** is the 20% darker color. If you saturate the color by 10%, you get **25D991**, and if you desaturate by 10%, it is **51D9A3**.

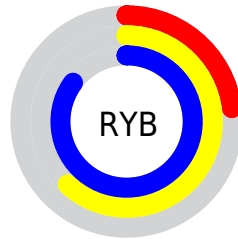
Distribution



Red (23%)

Green (85%)

Blue (60%)



Red (23%)

Yellow (62%)

Blue (85%)

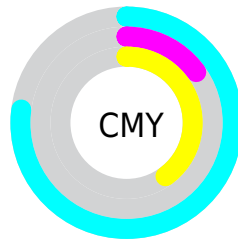


Cyan (73%)

Magenta (0%)

Yellow (29%)

Black (15%)



Cyan (77%)

Magenta (15%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BD99A 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 3BD99A by changing the saturation by 10% instead.

 3BD99A

 3BD99A

FFFFFF

 00BD80

 7FFFD1

 00A167

 9EFFED

 00864E

 BCFFFF

 006C37

 DBFFFF

 005221

 FAFFFF

 00390B

 002200

 000000

 3BD99A

 3BD99A

 25D991

 51D9A3

 10D989

 66D9AB

 00D982

 7CD9B4

 92D9BD

 A7D9C5

 BDD9CE

 D3D9D7

 E9D9DF

 FED9E8

Harmonies

Analogous

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



93D16A



3BD99A



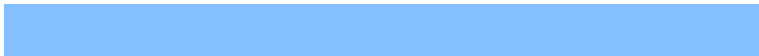
00DCD2

Triad

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



3BD99A



84C0FF



FF9D7D

Complementary

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



3BD99A



D93B7A

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.



FF92B0



3BD99A



DDABFF

Square

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



3BD99A



00D0FF



FF98E6



FDB159

Rectangle

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



3BD99A



00DAF5



FF98E6



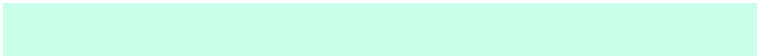
FF988D

Sweetspot

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



3BD99A



C7FFE9



7AD93B



5E8072



000000



808080

Same Dimension

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



3BD99A



21FFA7



3BC9D9



636E69



00AD68



002E1C

Inverse Universe

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



D93B7A



FF217A



D94B3B



6E6367



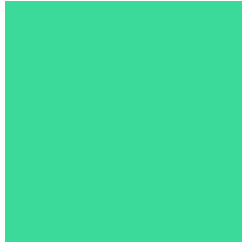
AD0045



2E0012

Previews

White Background



This preview shows how the Hex color 3BD99A 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 3BD99A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

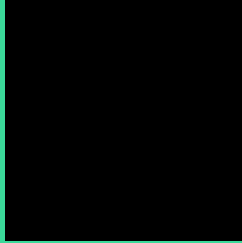
Any Text WCAG AA ✓ Pass

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 3BD99A Background



This preview shows how black text looks on a background with the Hex color 3BD99A.

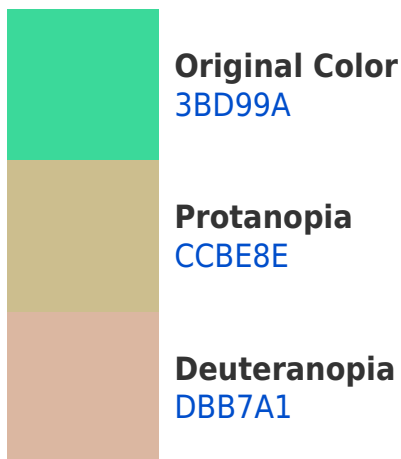


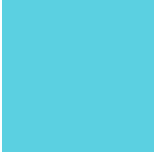
This preview shows how white text looks on a background with the Hex color 3BD99A.

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
5BD0E1

Trichromacy



Original Color
3BD99A



Protanomaly
97C892



Deuteranomaly
A1C39E



Tritanomaly
4FD3C7

Monochromacy



Original Color
3BD99A



Achromatopsia
A3A3A3



Achromatomaly
7DB7A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BD99A 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 #3BD99A looks like.

```
.text, #text, p{  
    color:#3BD99A  
}
```

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 #3BD99A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BD99A
}
```

Border

The CSS property to change the border of an element to Hex 3BD99A 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
#3BD99A }
```

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

```
.border{ border-color:#3BD99A }
```

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

Here you see how a box with a 4 pixel #3BD99A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BD99A; -webkit-box-shadow:4px 4px  
4px 4px #3BD99A; box-shadow:4px 4px 4px  
4px #3BD99A }
```

Background

The CSS property to change the background color of an element to Hex 3BD99A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BD99A }
```

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

```
.background{ background-color:#3BD99A }
```

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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