

Converting Colors

Hex(3ABD91)

Have a look what the booklet for
Hex(3ABD91) contains.

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Color

Hex(3ABD91)

Conversions

Conversions Part 1

Format	Color
Hex	3ABD91
RGB	58, 189, 145
RGB Percent	23%, 74%, 57%
CMY	0.7725, 0.2588, 0.4314
CMYK	0.69, 0.00, 0.23, 0.26
HSL	160°, 53%, 48%
HSV	160°, 69%, 74%
XYZ	25.0534, 39.3391, 33.0608
YIQ	144.8150, -63.9520, -41.4560

Conversions

Conversions Part 2

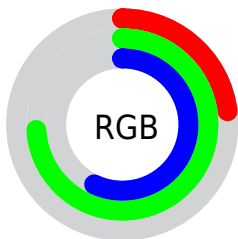
Format	Color
RYB	58, 137, 189
Decimal	3849617
CIELab	69.00, -45.78, 12.12
CIELCh	69, 47.353, 165.170
Yxy	39.3391, 0.2571, 0.4037
Android (android.graphics.Color)	4282039697 (0xFF3ABD91)
YUV	144.8150, 0.0912, -76.1368
Hunter-Lab	62.7209, -38.4611, 12.6522

Details

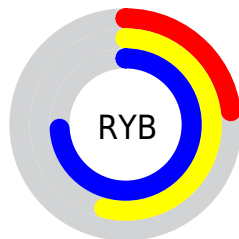
The Hex color **3ABD91** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD3A66**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **79F6C7**, and **00875F** is the 20% darker color. If you saturate the color by 10%, you get **27BD8B**, and if you desaturate by 10%, it is **4DBD97**.

Distribution



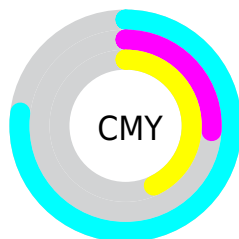
- Red (23%)
- Green (74%)
- Blue (57%)



- Red (23%)
- Yellow (54%)
- Blue (74%)



- Cyan (69%)
- Magenta (0%)
- Yellow (23%)
- Black (26%)



- Cyan (77%)
- Magenta (26%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3ABD91 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 3ABD91 by changing the saturation by 10% instead.

 3ABD91

 3ABD91

FFFFFF

 06A177

 79F6C7

 00875F

 97FFE3

 006D47

 B4FFFF

 005330

 D2FFFF

 003B1B

 F0FFFF

 002502

 000000

 3ABD91

 3ABD91

 27BD8B

 4DBD97

■ 14BD84

■ 60BD9E

■ 01BD7E

■ 73BDA4

■ 00BD7E

■ 86BDAA

■ 99BDB1

■ ABBDB7

■ BEBDBD

■ D1BDC4

■ E4BDCA

Harmonies

Analogous

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



7DB76A



3ABD91



00BEBD

Triad

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



3ABD91



89A5FB



F08F6D

Complementary

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



3ABD91



BD3A66

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.



FA8594



3ABD91



C895E5

Square

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



3ABD91



16B3FB



ED88BF



D49E55

Rectangle

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



3ABD91



00BDD8



ED88BF



F68B79

Sweetspot

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



3ABD91



C1F5E4



68BD3A



5C7A70



FAFAFA



7A7A7A

Same Dimension

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



3ABD91



2AF5B1



3AA9BD



555E5B



009E69



001F14

Inverse Universe

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



BD3A66



F52A6E



BD4E3A



5E5558



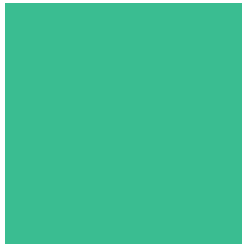
9E0035



1F000A

Previews

White Background



This preview shows how the Hex color 3ABD91 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 3ABD91 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 3ABD91 Background



This preview shows how black text looks on a background with the Hex color 3ABD91.

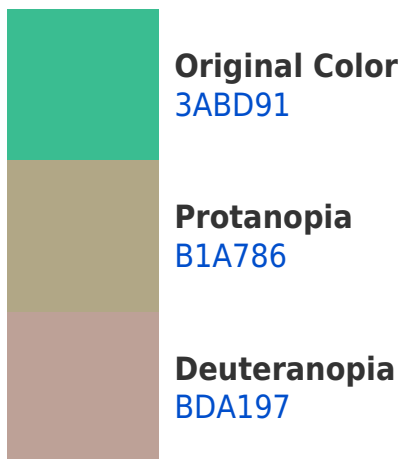


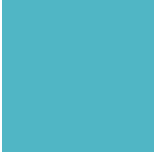
This preview shows how white text looks on a background with the Hex color 3ABD91.

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](#).

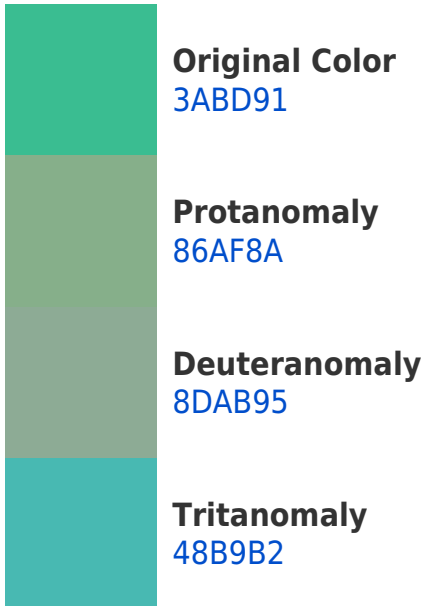
Dichromacy



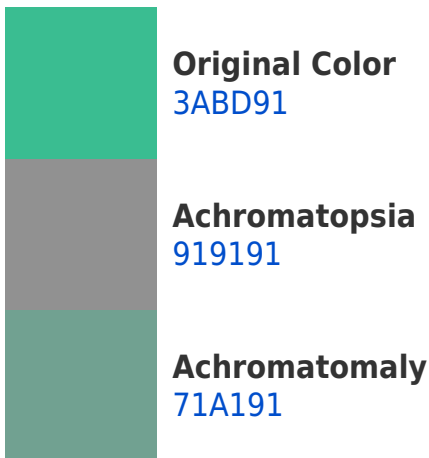


Tritanopia
50B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3ABD91 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 #3ABD91 looks like.

```
.text, #text, p{  
    color:#3ABD91  
}
```

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 #3ABD91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ABD91
}
```

Border

The CSS property to change the border of an element to Hex 3ABD91 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
#3ABD91 }
```

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

```
.border{ border-color:#3ABD91 }
```

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

Here you see how a box with a 4 pixel #3ABD91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ABD91; -webkit-box-shadow:4px 4px  
4px 4px #3ABD91; box-shadow:4px 4px 4px  
4px #3ABD91 }
```

Background

The CSS property to change the background color of an element to Hex 3ABD91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ABD91 }
```

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

```
.background{ background-color:#3ABD91 }
```

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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