

Converting Colors

Hex(3DB5AB)

Have a look what the booklet for
Hex(3DB5AB) contains.

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Color

Hex(3DB5AB)

Conversions

Conversions Part 1

Format	Color
Hex	3DB5AB
RGB	61, 181, 171
RGB Percent	24%, 71%, 67%
CMY	0.7608, 0.2902, 0.3294
CMYK	0.66, 0.00, 0.06, 0.29
HSL	175°, 50%, 47%
HSV	175°, 66%, 71%
XYZ	25.7990, 36.9801, 44.3062
YIQ	143.9800, -68.3100, -28.5500

Conversions

Conversions Part 2

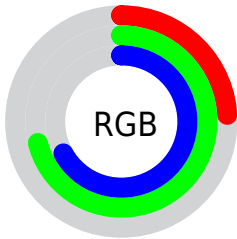
Format	Color
RYB	61, 124, 181
Decimal	4044203
CIELab	67.26, -35.15, -4.65
CIELCh	67, 35.458, 187.536
Yxy	36.9801, 0.2409, 0.3453
Android (android.graphics.Color)	4282234283 (0xFF3DB5AB)
YUV	143.9800, 13.3209, -72.7735
Hunter-Lab	60.8113, -30.6916, -0.6299

Details

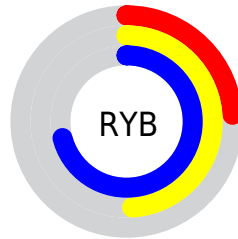
The Hex color **3DB5AB** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B53D47**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7BEDE2**, and **007F77** is the 20% darker color. If you saturate the color by 10%, you get **2BB5A9**, and if you desaturate by 10%, it is **4FB5AD**.

Distribution



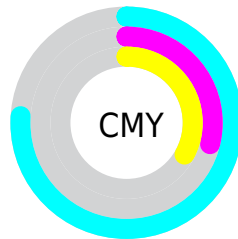
- Red (24%)
- Green (71%)
- Blue (67%)



- Red (24%)
- Yellow (49%)
- Blue (71%)



- Cyan (66%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (76%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DB5AB 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 3DB5AB by changing the saturation by 10% instead.

 3DB5AB

 3DB5AB

FFFFFF

 0F9A91

 7BEDE2

 007F77

 99FFFF

 00665E

 B6FFFF

 004D47

 D4FFFF

 003530

 F2FFFF

 00211B

 000000

 3DB5AB

 3DB5AB

 2BB5A9

 4FB5AD

■ 19B5A8

■ 61B5AE

■ 07B5A6

■ 73B5B0

■ 00B5A6

■ 85B5B1

■ 98B5B3

■ AAB5B4

■ BCB5B6

■ CEB5B7

■ E0B5B9

Harmonies

Analogous

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



68B38A



3DB5AB



24B3CA

Triad

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



3DB5AB



B299D6



CD9969

Complementary

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



3DB5AB



B53D47

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.



DF907E



3DB5AB



D38FBD

Square

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



3DB5AB



83A4E3



E28B9D



B1A464

Rectangle

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



3DB5AB



3CB0D9



E28B9D



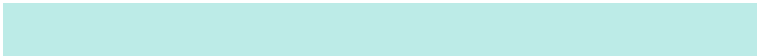
D5966F

Sweetspot

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



3DB5AB



BCEBE7



47B53D



597573



F5F5F5



757575

Same Dimension

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



3DB5AB



2FEBDB



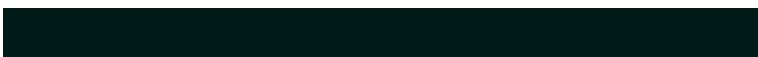
3D83B5



505959



00998C



001A17

Inverse Universe

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



B53D47



EB2F3F



B56F3D



595051



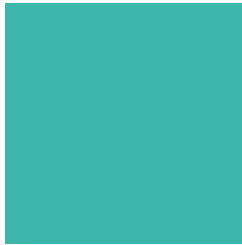
99000D



1A0002

Previews

White Background



This preview shows how the Hex color 3DB5AB 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 3DB5AB 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 3DB5AB Background



This preview shows how black text looks on a background with the Hex color 3DB5AB.

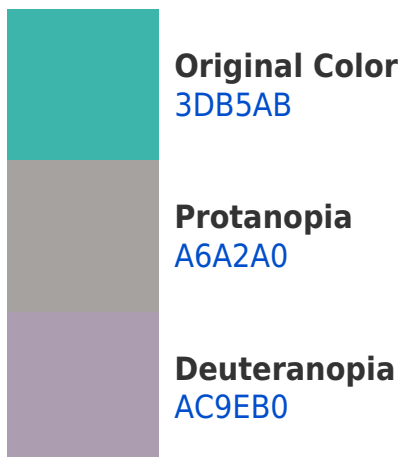


This preview shows how white text looks on a background with the Hex color 3DB5AB.

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
47B2C0

Trichromacy



Original Color
3DB5AB



Protanomaly
80A9A4



Deuteranomaly
84A6AE



Tritanomaly
43B3B8

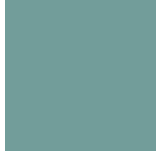
Monochromacy



Original Color
3DB5AB



Achromatopsia
909090



Achromatomaly
729D9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DB5AB 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 #3DB5AB looks like.

```
.text, #text, p{  
    color:#3DB5AB  
}
```

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 #3DB5AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB5AB
}
```

Border

The CSS property to change the border of an element to Hex 3DB5AB 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
#3DB5AB }
```

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

```
.border{ border-color:#3DB5AB }
```

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

Here you see how a box with a 4 pixel #3DB5AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB5AB; -webkit-box-shadow:4px 4px  
4px 4px #3DB5AB; box-shadow:4px 4px 4px  
4px #3DB5AB }
```

Background

The CSS property to change the background color of an element to Hex 3DB5AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB5AB }
```

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

```
.background{ background-color:#3DB5AB }
```

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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