

Converting Colors

Hex(3AB5AB)

Have a look what the booklet for
Hex(3AB5AB) contains.

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Color

Hex(3AB5AB)

Conversions

Conversions Part 1

Format	Color
Hex	3AB5AB
RGB	58, 181, 171
RGB Percent	23%, 71%, 67%
CMY	0.7725, 0.2902, 0.3294
CMYK	0.68, 0.00, 0.06, 0.29
HSL	175°, 51%, 47%
HSV	175°, 68%, 71%
XYZ	25.6195, 36.8876, 44.2978
YIQ	143.0830, -70.0980, -29.1860

Conversions

Conversions Part 2

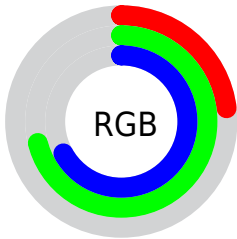
Format	Color
RYB	58, 122, 181
Decimal	3847595
CIELab	67.19, -35.61, -4.76
CIELCh	67, 35.922, 187.616
Yxy	36.8876, 0.2399, 0.3454
Android (android.graphics.Color)	4282037675 (0xFF3AB5AB)
YUV	143.0830, 13.7631, -74.6178
Hunter-Lab	60.7351, -30.9911, -0.7292




Details

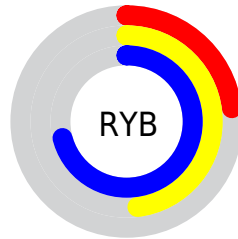
The Hex color **3AB5AB** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B53A44**, and the grayscale version is **8F8F8F**.




A 20% lighter version of the original color is **79EDE2**, and **007F77** is the 20% darker color. If you saturate the color by 10%, you get **28B5AA**, and if you desaturate by 10%, it is **4CB5AC**.

Distribution







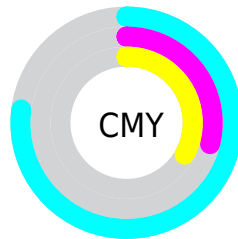
-  Red (23%)
-  Green (71%)
-  Blue (67%)






-  Red (23%)
-  Yellow (48%)
-  Blue (71%)



-  Cyan (68%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (29%)



-  Cyan (77%)
-  Magenta (29%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AB5AB 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 3AB5AB by changing the saturation by 10% instead.

 3AB5AB

 3AB5AB

FFFFFF

 059A91

 79EDE2

 007F77

 97FFFF

 00665E

 B5FFFF

 004D47

 D2FFFF

 003530

 F0FFFF

 00211B

 000000

 3AB5AB

 3AB5AB

 28B5AA

 4CB5AC

■ 16B5A8

■ 5EB5AE

■ 04B5A7

■ 70B5AF

■ 00B5A6

■ 82B5B1

■ 95B5B2

■ A7B5B4

■ B9B5B5

■ CBB5B7

■ DDB5B8

Harmonies

Analogous

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



66B38A



3AB5AB



1EB3CA

Triad

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



3AB5AB



B298D7



CD9968

Complementary

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



3AB5AB



B53A44

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.



DF8F7E



3AB5AB



D38EBD

Square

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



3AB5AB



83A4E3



E28A9C



B1A463

Rectangle

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



3AB5AB



38B0D9



E28A9C



D5956E

Sweetspot

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



3AB5AB



BCEBE7



44B53A



597573



F5F5F5



757575

Same Dimension

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



3AB5AB



2AEBDB



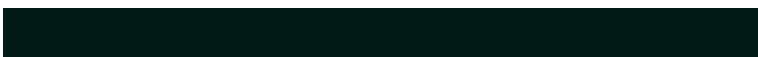
3A82B5



505959



00998D



001A17

Inverse Universe

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



B53A44



EB2A3A



B56D3A



595051



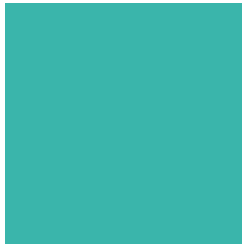
99000C



1A0002

Previews

White Background



This preview shows how the Hex color 3AB5AB looks on a white background.

Color Contrast Check

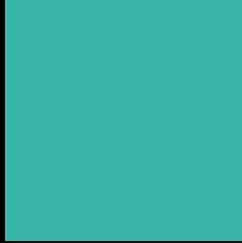
Large Text (above 18pt) WCAG AA × Fail

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 3AB5AB 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

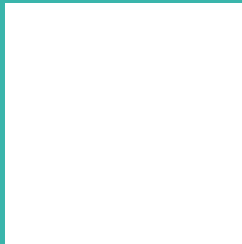
Any Text WCAG AAA ✓ Pass

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

Hex 3AB5AB Background



This preview shows how black text looks on a background with the Hex color 3AB5AB.

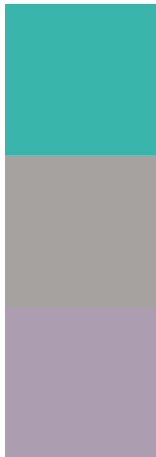


This preview shows how white text looks on a background with the Hex color 3AB5AB.

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](#).

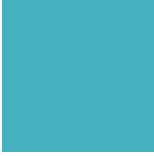
Dichromacy



Original Color
3AB5AB

Protanopia
A6A2A0

Deuteranopia
AC9EB0



Tritanopia
45B2C0

Trichromacy



Original Color
3AB5AB



Protanomaly
7FA9A4



Deuteranomaly
83A6AE



Tritanomaly
41B3B8

Monochromacy



Original Color
3AB5AB



Achromatopsia
8F8F8F



Achromatomaly
709D99

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AB5AB 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 #3AB5AB looks like.

```
.text, #text, p{  
    color:#3AB5AB  
}
```

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 #3AB5AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB5AB
}
```

Border

The CSS property to change the border of an element to Hex 3AB5AB 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
#3AB5AB }
```

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

```
.border{ border-color:#3AB5AB }
```

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

Here you see how a box with a 4 pixel #3AB5AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB5AB; -webkit-box-shadow:4px 4px  
4px 4px #3AB5AB; box-shadow:4px 4px 4px  
4px #3AB5AB }
```

Background

The CSS property to change the background color of an element to Hex 3AB5AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB5AB }
```

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

```
.background{ background-color:#3AB5AB }
```

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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