

Converting Colors

Hex(34B6AB)

Have a look what the booklet for
Hex(34B6AB) contains.

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Color

Hex(34B6AB)

Conversions

Conversions Part 1

Format	Color
Hex	34B6AB
RGB	52, 182, 171
RGB Percent	20%, 71%, 67%
CMY	0.7961, 0.2863, 0.3294
CMYK	0.71, 0.00, 0.06, 0.29
HSL	175°, 56%, 46%
HSV	175°, 71%, 71%
XYZ	25.4948, 37.1262, 44.3504
YIQ	141.8760, -73.9490, -30.9810

Conversions

Conversions Part 2

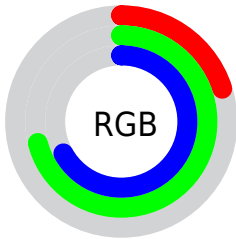
Format	Color
RYB	52, 120, 182
Decimal	3454635
CIELab	67.37, -36.90, -4.51
CIELCh	67, 37.176, 186.969
Yxy	37.1262, 0.2383, 0.3471
Android (android.graphics.Color)	4281644715 (0xFF34B6AB)
YUV	141.8760, 14.3581, -78.8213
Hunter-Lab	60.9313, -31.9420, -0.5039

Details

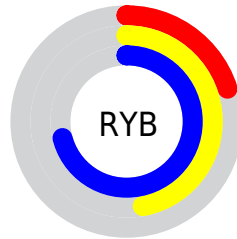
The Hex color **34B6AB** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B6343F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **76EFE2**, and **008077** is the 20% darker color. If you saturate the color by 10%, you get **22B6A9**, and if you desaturate by 10%, it is **46B6AD**.

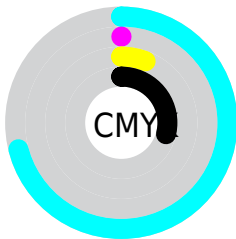
Distribution



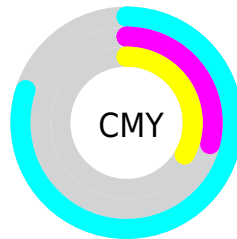
- Red (20%)
- Green (71%)
- Blue (67%)



- Red (20%)
- Yellow (47%)
- Blue (71%)



- Cyan (71%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (80%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B6AB 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 34B6AB by changing the saturation by 10% instead.

 34B6AB

 34B6AB

FFFFFF

 009B91

 76EFE2

 008077

 94FFFF

 00675E

 B1FFFF

 004E47

 CFFFFFF

 003630

 EDFFFF

 00221B

 000000

 34B6AB

 34B6AB

 22B6A9

 46B6AD

■ 10B6A8

■ 58B6AE

■ 00B6A7

■ 6BB6B0

■ 7DB6B1

■ 8FB6B3

■ A1B6B4

■ B3B6B6

■ C6B6B7

■ D8B6B9

Harmonies

Analogous

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



65B489



34B6AB



04B4CB

Triad

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



34B6AB



B298DA



D09967

Complementary

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



34B6AB



B6343F

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.



E28F7D



34B6AB



D58EBF

Square

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



34B6AB



80A5E6



E48A9D



B2A561

Rectangle

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



34B6AB



2EB1DB



E48A9D



D7956D

Sweetspot

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



34B6AB



BBEDE9



41B634



5A7875



F7F7F7



787878

Same Dimension

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



34B6AB



21EDDC



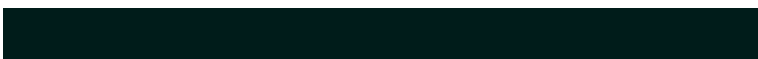
3482B6



535C5B



009C8E



001C1A

Inverse Universe

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



B6343F



ED2132



B66834



5C5353



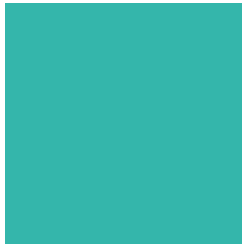
9C000D



1C0002

Previews

White Background



This preview shows how the Hex color 34B6AB 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 34B6AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

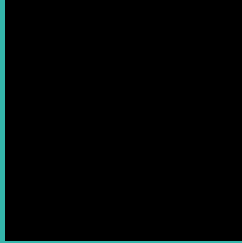
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

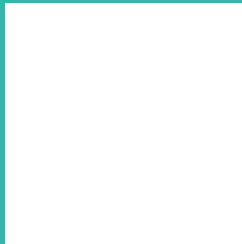
Any Text WCAG AAA ✓ Pass

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

Hex 34B6AB Background



This preview shows how black text looks on a background with the Hex color 34B6AB.

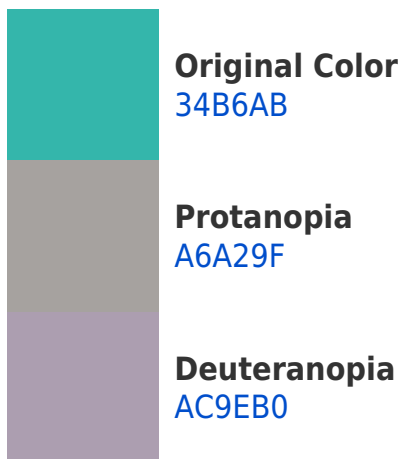


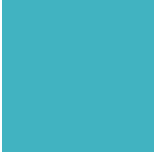
This preview shows how white text looks on a background with the Hex color 34B6AB.

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](#).

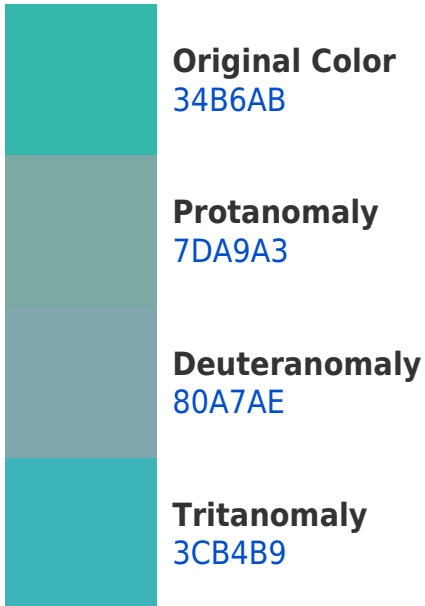
Dichromacy





Tritanopia
41B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34B6AB 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 #34B6AB looks like.

```
.text, #text, p{  
    color:#34B6AB  
}
```

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 #34B6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B6AB
}
```

Border

The CSS property to change the border of an element to Hex 34B6AB 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
#34B6AB }
```

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

```
.border{ border-color:#34B6AB }
```

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

Here you see how a box with a 4 pixel #34B6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B6AB; -webkit-box-shadow:4px 4px  
4px 4px #34B6AB; box-shadow:4px 4px 4px  
4px #34B6AB }
```

Background

The CSS property to change the background color of an element to Hex 34B6AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B6AB }
```

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

```
.background{ background-color:#34B6AB }
```

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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