

# Converting Colors

Hex(3ACBA0)

Have a look what the booklet for  
Hex(3ACBA0) contains.

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**Color**

**Hex(3ACBA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ACBA0
RGB	58, 203, 160
RGB Percent	23%, 80%, 63%
CMY	0.7725, 0.2039, 0.3725
CMYK	0.71, 0.00, 0.21, 0.20
HSL	162°, 58%, 51%
HSV	162°, 71%, 80%
XYZ	29.4460, 46.1495, 40.6135
YIQ	154.7430, -72.6170, -44.1130

# Conversions

## Conversions Part 2

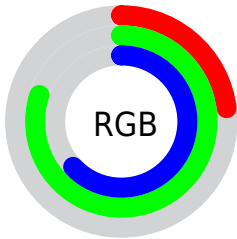
Format	Color
<a href="#">RYB</a>	<a href="#">58, 143, 203</a>
Decimal	<a href="#">3853216</a>
CIELab	<a href="#">73.64, -48.07, 10.59</a>
CIElCh	<a href="#">74, 49.218, 167.578</a>
Yxy	<a href="#">46.1495, 0.2534, 0.3971</a>
Android (android.graphics.Color)	<a href="#">4282043296</a> ( <a href="#">0xFF3ACBA0</a> )
YUV	<a href="#">154.7430, 2.5917, -84.8436</a>
Hunter-Lab	<a href="#">67.9334, -41.5119, 12.1073</a>

# Details

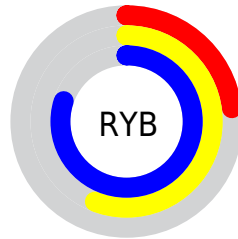
The Hex color **3ACBA0** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CB3A65**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7CFFD7**, and **00946D** is the 20% darker color. If you saturate the color by 10%, you get **26CB9A**, and if you desaturate by 10%, it is **4ECBA6**.

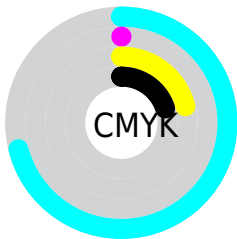
# Distribution



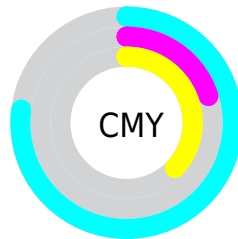
- Red (23%)
- Green (80%)
- Blue (63%)



- Red (23%)
- Yellow (56%)
- Blue (80%)



- Cyan (71%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (77%)
- Magenta (20%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3ACBA0 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 3ACBA0 by changing the saturation by 10% instead.



 3ACBA0

 3ACBA0

FFFFFF

 00AF86

 7CFFD7

 00946D

 9AFFF3

 007954

 B8FFFF

 00603D

 D7FFFF

 004727

 F5FFFF

 003013

 001500

 000000

 3ACBA0

 3ACBA0

 26CB9A

 4ECBA6

 11CB94

 63CBAC

 00CB8F

 77CBB2

 8BCBB8

 A0CBBE

 B4CBC4

 C8CBCA

 DCCBD0

 F1CBD6

# Harmonies

## Analogous

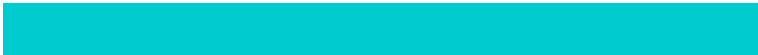
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83C576



3ACBA0



00CCCF

# Triad

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



3ACBA0



9BB0FF



FF9C74

# Complementary

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



3ACBA0



CB3A65

# 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.



FF919C



3ACBA0



DA9FF2

# Square

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



3ACBA0



34BFFF



FF92CA



E1AC5C

# Rectangle

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



3ACBA0



00CAEB



FF92CA



FF9780

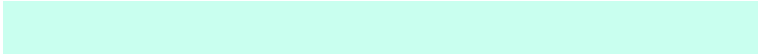


# Sweetspot

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



3ACBA0



C9FFEF



66CB3A



608076



000000



808080



# Same Dimension

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



3ACBA0



24FFBE



3AAECB



5C6663



00A675



00261B



# Inverse Universe

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



CB3A65



FF2465



CB573A



665C5F



A60031

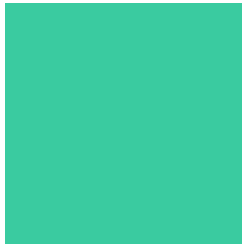


26000B



# Previews

## White Background



This preview shows how the Hex color 3ACBA0 looks on a white background.

## Color Contrast Check

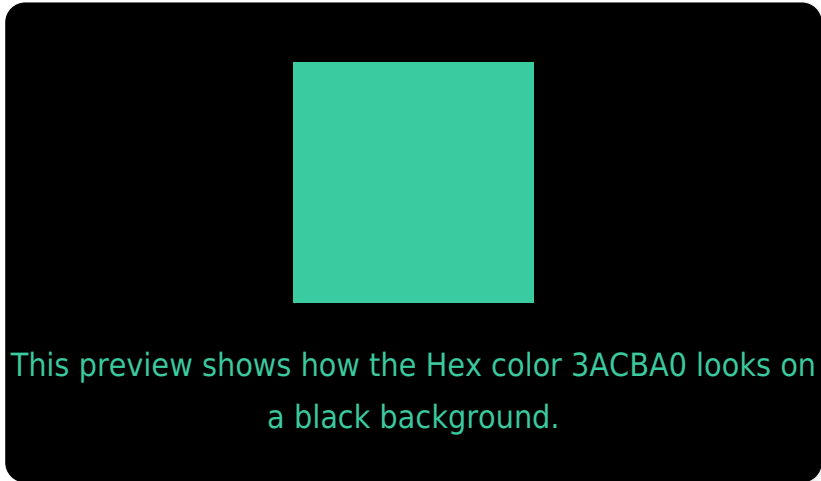
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

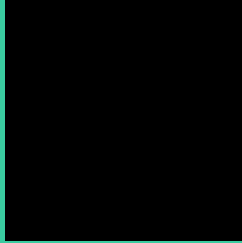
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

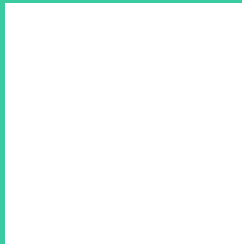
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3ACBA0 Background



This preview shows how black text looks on a background with the Hex color 3ACBA0.

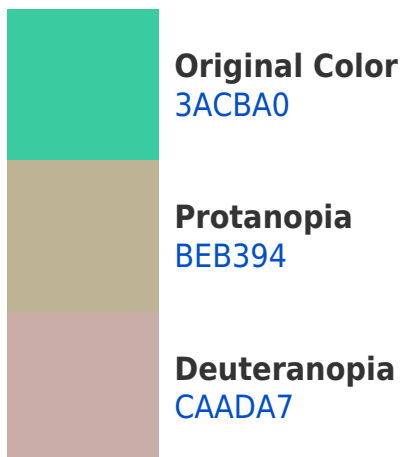


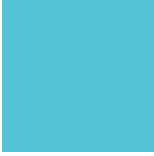
This preview shows how white text looks on a background with the Hex color 3ACBA0.

# 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



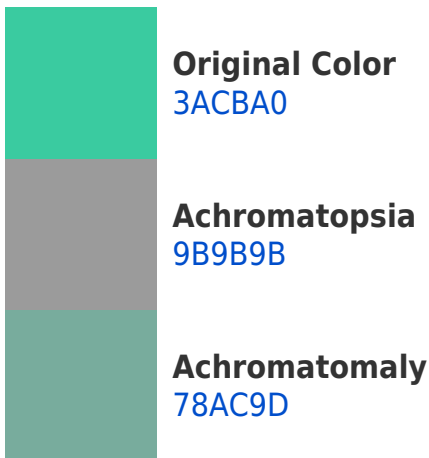


**Tritanopia**  
52C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3ACBA0 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 #3ACBA0 looks like.

```
.text, #text, p{  
    color:#3ACBA0  
}
```

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 #3ACBA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ACBA0
}
```

## Border

The CSS property to change the border of an element to Hex 3ACBA0 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
#3ACBA0 }
```

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

```
.border{ border-color:#3ACBA0 }
```

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

Here you see how a box with a 4 pixel #3ACBA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ACBA0; -webkit-box-shadow:4px 4px  
4px 4px #3ACBA0; box-shadow:4px 4px 4px  
4px #3ACBA0 }
```

# Background

The CSS property to change the background color of an element to Hex 3ACBA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ACBA0 }
```

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

```
.background{ background-color:#3ACBA0 }
```

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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