

# Converting Colors

Hex(3CBABC)

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

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# Color

Hex(3CBABC)

# Conversions

## Conversions Part 1

Format	Color
Hex	3CBABC
RGB	60, 186, 188
RGB Percent	24%, 73%, 74%
CMY	0.7647, 0.2706, 0.2627
CMYK	0.68, 0.01, 0.00, 0.26
HSL	181°, 52%, 49%
HSV	181°, 68%, 74%
XYZ	28.4995, 39.7093, 53.7395
YIQ	148.5540, -75.7380, -26.0900

# Conversions

## Conversions Part 2

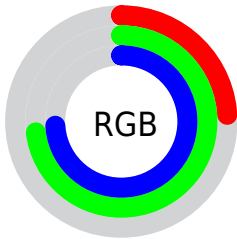
Format	Color
<a href="#">RYB</a>	<a href="#">60, 123, 188</a>
Decimal	<a href="#">3979964</a>
CIELab	<a href="#">69.26, -32.85, -11.05</a>
CIELCh	<a href="#">69, 34.658, 198.594</a>
Yxy	<a href="#">39.7093, 0.2337, 0.3256</a>
Android (android.graphics.Color)	<a href="#">4282170044 (0xFF3CBABC)</a>
YUV	<a href="#">148.5540, 19.4469, -77.6619</a>
Hunter-Lab	<a href="#">63.0153, -29.5479, -6.4518</a>

# Details

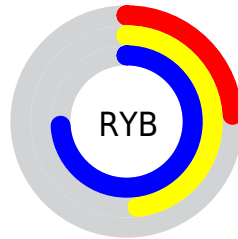
The Hex color **3CBABC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC3E3C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7DF3F4**, and **008487** is the 20% darker color. If you saturate the color by 10%, you get **29BABC**, and if you desaturate by 10%, it is **4FBABC**.

# Distribution



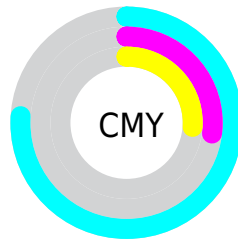
- Red (24%)
- Green (73%)
- Blue (74%)



- Red (24%)
- Yellow (48%)
- Blue (74%)



- Cyan (68%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (76%)
- Magenta (27%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



 3CBABC

 3CBABC

FFFFFF

 059FA1

 7DF3F4

 008487

 9BFFFF

 006B6E

 B9FFFF

 005255

 D7FFFF

 003A3E

 F5FFFF

 002528

 000114

 000000

 3CBABC

 3CBABC

■ 29BABC

■ 4FBABC

■ 16B9BC

■ 62BBBC

■ 04B9BC

■ 74BBBC

■ 00B9BC

■ 87BBBC

■ 9ABBBC

■ ADCBCB

■ C0BCBC

■ D2BCBC

■ E5BDBC

# Harmonies

## Analogous

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



60B99C



3CBABC



3DB7D7

# Triad

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



3CBABC



C59AD3



C9A36C

# Complementary

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



3CBABC



BC3E3C

# 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.



DF997B



3CBABC



DF92B6

# Square

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



3CBABC



9CA5E4



E79297



ABAD6D

# Rectangle

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



3CBABC



59B3E3



E79297



D19F6F

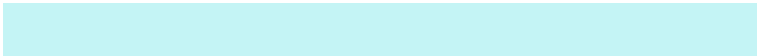


# Sweetspot

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



3CBABC



C4F4F5



3CBC3C



5D7A7A



FAFAFA



7A7A7A



# Same Dimension

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



3CBABC



2CF2F5



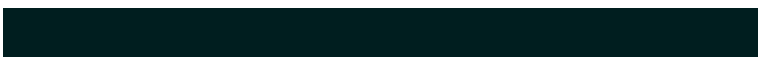
3C7CBC



555E5E



009C9E



001E1F



# Inverse Universe

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



BC3CBA



F52CF2



BC7C3C



5E555E



9E009C



1F001E



# Previews

## White Background



This preview shows how the Hex color 3CBABC 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 3CBABC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

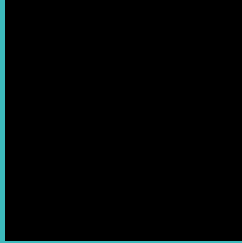
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

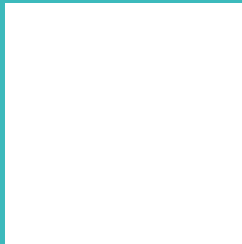
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3CBABC Background



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

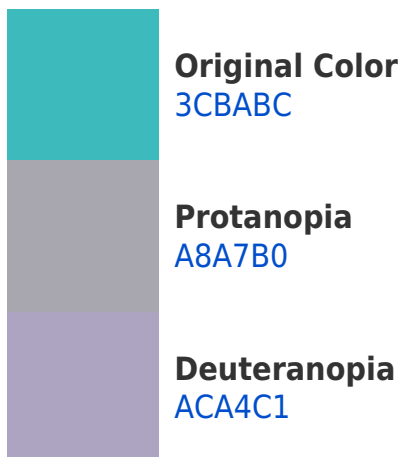


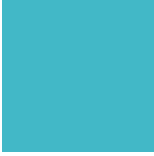
This preview shows how white text looks on a background with the Hex color 3CBABC.

# 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**  
42B8C7

# Trichromacy



**Original Color**  
3CBABC



**Protanomaly**  
81AEB4



**Deuteranomaly**  
83ACBF



**Tritanomaly**  
40B9C3

# Monochromacy



**Original Color**  
3CBABC



**Achromatopsia**  
959595



**Achromatomaly**  
75A2A3

# CSS Examples

## Text

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

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

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 #3CBABC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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