

Converting Colors

Hex(3CB0BA)

Have a look what the booklet for
Hex(3CB0BA) contains.

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Color

Hex(3CB0BA)

Conversions

Conversions Part 1

Format	Color
Hex	3CB0BA
RGB	60, 176, 186
RGB Percent	24%, 69%, 73%
CMY	0.7647, 0.3098, 0.2706
CMYK	0.68, 0.05, 0.00, 0.27
HSL	185°, 51%, 48%
HSV	185°, 68%, 73%
XYZ	26.2517, 35.5565, 51.9339
YIQ	142.4560, -72.3460, -21.4820

Conversions

Conversions Part 2

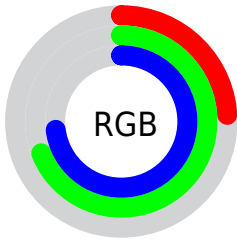
Format	Color
RYB	60, 120, 186
Decimal	3977402
CIELab	66.18, -28.60, -14.58
CIELCh	66, 32.103, 207.002
Yxy	35.5565, 0.2308, 0.3126
Android (android.graphics.Color)	4282167482 (0xFF3CB0BA)
YUV	142.4560, 21.4672, -72.3139
Hunter-Lab	59.6293, -25.7667, -9.8979

Details

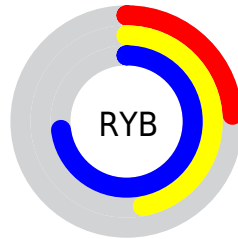
The Hex color **3CB0BA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA463C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7BE8F2**, and **007B85** is the 20% darker color. If you saturate the color by 10%, you get **29AFBA**, and if you desaturate by 10%, it is **4FB1BA**.

Distribution



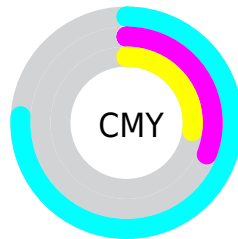
- Red (24%)
- Green (69%)
- Blue (73%)



- Red (24%)
- Yellow (47%)
- Blue (73%)



- Cyan (68%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (76%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CB0BA 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 3CB0BA by changing the saturation by 10% instead.

 3CB0BA

 3CB0BA

FFFFFF

 0A959F

 7BE8F2

 007B85

 99FFFF

 00626C

 B7FFFF

 004953

 D5FFFF

 00323C

 F3FFFF

 001F26

 000112

 000000

 3CB0BA

 3CB0BA

■ 29AFBA

■ 4FB1BA

■ 17ADBA

■ 61B3BA

■ 04ACBA

■ 74B4BA

■ 00ABBA

■ 86B6BA

■ 99B7BA

■ ACB9BA

■ BEBABA

■ D1BCBA

■ E3BDBA

Harmonies

Analogous

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



55B09D



3CB0BA



4AACD0

Triad

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



3CB0BA



C391C1



B79E67

Complementary

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



3CB0BA



BA463C

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.



CE9471



3CB0BA



D68BA5

Square

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



3CB0BA



A19AD4



D98D88



99A76D

Rectangle

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



3CB0BA



66A7D8



D98D88



C09B69

Sweetspot

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



3CB0BA



C2EEF2



3CBA44



5D787A



FAFAFA



7A7A7A

Same Dimension

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



3CB0BA



2EE3F2



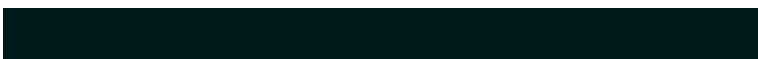
3C73BA



535B5C



008F9C



001A1C

Inverse Universe

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



BA3CB0



F22EE3



BA833C



5C535B



9C008F



1C001A

Previews

White Background



This preview shows how the Hex color 3CB0BA looks on a white background.

Color Contrast Check

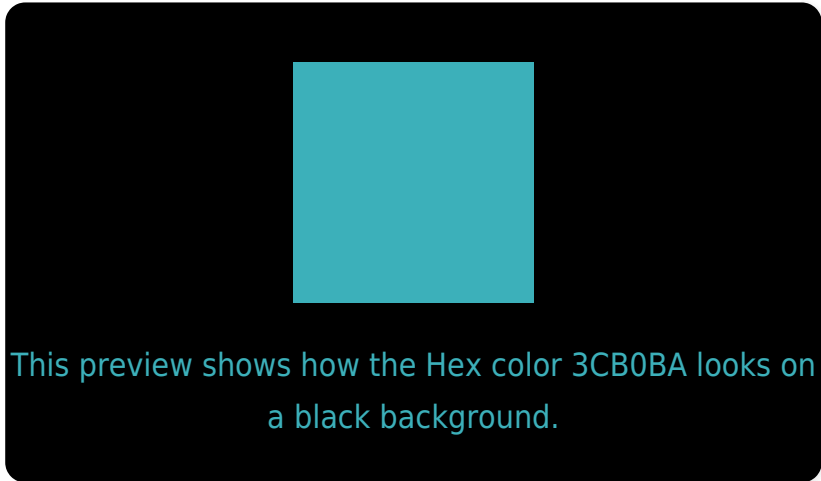
Large Text (above 18pt) WCAG AA × Fail

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

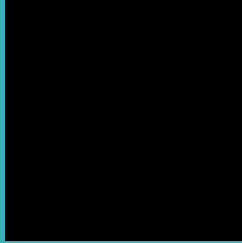
Any Text WCAG AA ✓ Pass

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 3CB0BA Background



This preview shows how black text looks on a background with the Hex color 3CB0BA.

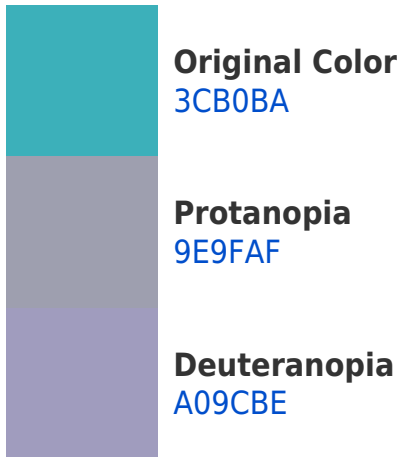


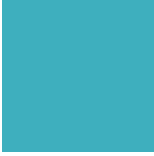
This preview shows how white text looks on a background with the Hex color 3CB0BA.

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





Trichromacy



Original Color
3CB0BA



Protanomaly
7AA5B3



Deuteranomaly
7CA3BD



Tritanomaly
3DAFBD

Monochromacy



Original Color
3CB0BA



Achromatopsia
8E8E8E



Achromatomaly
709A9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CB0BA 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 #3CB0BA looks like.

```
.text, #text, p{  
    color:#3CB0BA  
}
```

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 #3CB0BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CB0BA
}
```

Border

The CSS property to change the border of an element to Hex 3CB0BA 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
#3CB0BA }
```

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

```
.border{ border-color:#3CB0BA }
```

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

Here you see how a box with a 4 pixel #3CB0BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CB0BA; -webkit-box-shadow:4px 4px  
4px 4px #3CB0BA; box-shadow:4px 4px 4px  
4px #3CB0BA }
```

Background

The CSS property to change the background color of an element to Hex 3CB0BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CB0BA }
```

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

```
.background{ background-color:#3CB0BA }
```

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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