

Converting Colors

Hex(31BCBA)

Have a look what the booklet for
Hex(31BCBA) contains.

Hex(31BCBA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31BCBA)

Conversions

Conversions Part 1

Format	Color
Hex	31BCBA
RGB	49, 188, 186
RGB Percent	19%, 74%, 73%
CMY	0.8078, 0.2627, 0.2706
CMYK	0.74, 0.00, 0.01, 0.26
HSL	179°, 59%, 46%
HSV	179°, 74%, 74%
XYZ	28.1128, 40.1646, 52.7252
YIQ	146.2110, -82.2020, -30.0900

Conversions

Conversions Part 2

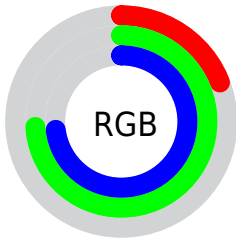
Format	Color
RYP	49, 119, 188
Decimal	3259578
CIELab	69.59, -35.77, -9.49
CIElCh	70, 37.007, 194.861
Yxy	40.1646, 0.2323, 0.3319
Android (android.graphics.Color)	4281449658 (0xFF31BCBA)
YUV	146.2110, 19.6160, -85.2540
Hunter-Lab	63.3755, -31.7263, -4.9634

Details

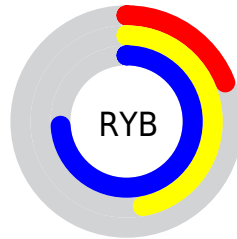
The Hex color **31BCBA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC3133**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **76F5F2**, and **008685** is the 20% darker color. If you saturate the color by 10%, you get **1EBCBA**, and if you desaturate by 10%, it is **44BCBA**.

Distribution



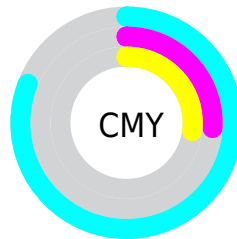
- Red (19%)
- Green (74%)
- Blue (73%)



- Red (19%)
- Yellow (47%)
- Blue (74%)



- Cyan (74%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (81%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31BCBA 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 31BCBA by changing the saturation by 10% instead.

 31BCBA

 31BCBA

FFFFFF

 00A19F

 76F5F2

 008685

 95FFFF

 006C6C

 B3FFFF

 005354

 D1FFFF

 003B3D

 F0FFFF

 002627

 000113

 000000

 31BCBA

 31BCBA

■ 1EBCBA

■ 44BCBA

■ 0BBCB9

■ 57BCBB

■ 00BCB9

■ 69BCBB

■ 7CBCBB

■ 8FBCBB

■ A2BCBC

■ B5BCBC

■ C7BCBC

■ DABCBC

Harmonies

Analogous

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



60BB97



31BCBA



25B9D8

Triad

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



31BCBA



C39BDA



CFA269

Complementary

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



31BCBA



BC3133

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.



E5977C



31BCBA



E192BC

Square

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



31BCBA



95A8EB



EC909A



B0AD68

Rectangle

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



31BCBA



48B5E6



EC909A



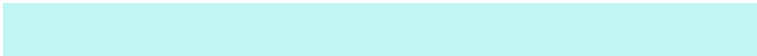
D89E6E

Sweetspot

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



31BCBA



BFF5F4



33BC31



5B7A7A



FAFAFA



7A7A7A

Same Dimension

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



31BCBA



1BF5F2



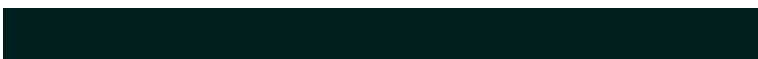
3179BC



555E5E



009E9C



001F1E

Inverse Universe

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



BC3133



F51B1E



BC7431



5E5555



9E0002



1F0000

Previews

White Background



This preview shows how the Hex color 31BCBA looks on a white background.

Color Contrast Check

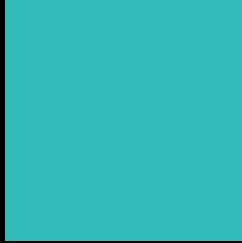
Large Text (above 18pt) WCAG AA × Fail

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 31BCBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

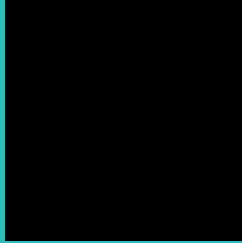
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

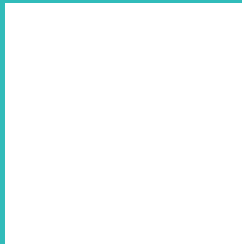
Any Text WCAG AAA ✓ Pass

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

Hex 31BCBA Background



This preview shows how black text looks on a background with the Hex color 31BCBA.

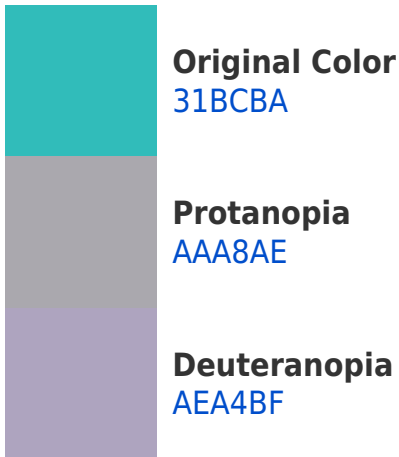


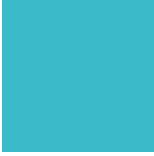
This preview shows how white text looks on a background with the Hex color 31BCBA.

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
3BBAC9

Trichromacy



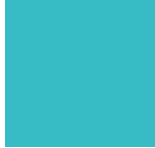
Original Color
31BCBA



Protanomaly
7EAFB2



Deuteranomaly
81ADBD



Tritanomaly
37BBC4

Monochromacy



Original Color
31BCBA



Achromatopsia
929292



Achromatomaly
6FA1A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 31BCBA 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 #31BCBA looks like.

```
.text, #text, p{  
    color:#31BCBA  
}
```

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 #31BCBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31BCBA
}
```

Border

The CSS property to change the border of an element to Hex 31BCBA 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
#31BCBA }
```

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

```
.border{ border-color:#31BCBA }
```

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

Here you see how a box with a 4 pixel #31BCBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31BCBA; -webkit-box-shadow:4px 4px  
4px 4px #31BCBA; box-shadow:4px 4px 4px  
4px #31BCBA }
```

Background

The CSS property to change the background color of an element to Hex 31BCBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31BCBA }
```

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

```
.background{ background-color:#31BCBA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor