

Converting Colors

Hex(31B2AC)

Have a look what the booklet for
Hex(31B2AC) contains.

Hex(31B2AC)	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(31B2AC)

Conversions

Conversions Part 1

Format	Color
Hex	31B2AC
RGB	49, 178, 172
RGB Percent	19%, 70%, 67%
CMY	0.8078, 0.3020, 0.3255
CMYK	0.72, 0.00, 0.03, 0.30
HSL	177°, 57%, 45%
HSV	177°, 72%, 70%
XYZ	24.6334, 35.4723, 44.5783
YIQ	138.7450, -74.9580, -29.2140

Conversions

Conversions Part 2

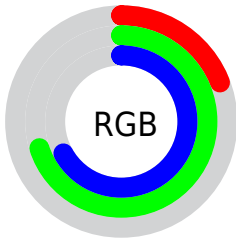
Format	Color
RYB	49, 115, 178
Decimal	3257004
CIELab	66.11, -35.16, -6.93
CIELCh	66, 35.834, 191.153
Yxy	35.4723, 0.2353, 0.3389
Android (android.graphics.Color)	4281447084 (0xFF31B2AC)
YUV	138.7450, 16.3947, -78.7064
Hunter-Lab	59.5586, -30.4001, -2.6861

Details

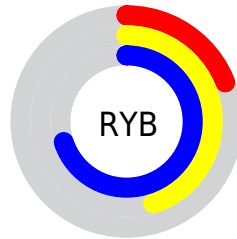
The Hex color **31B2AC** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B23137**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **73EAE3**, and **007D78** is the 20% darker color. If you saturate the color by 10%, you get **1FB2AB**, and if you desaturate by 10%, it is **43B2AD**.

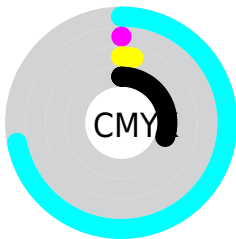
Distribution



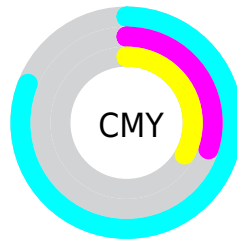
- Red (19%)
- Green (70%)
- Blue (67%)



- Red (19%)
- Yellow (45%)
- Blue (70%)



- Cyan (72%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (81%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31B2AC 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 31B2AC by changing the saturation by 10% instead.

 31B2AC

 31B2AC

FFFFFF

 009791

 73EAE3

 007D78

 91FFFF

 00635F

 AFFFFFFF

 004B48

 CDFFFF

 003331


 EBFFFF

 001E1C

 000001

 000000

 31B2AC

 31B2AC

■ 1FB2AB

■ 43B2AD

■ 0DB2AA

■ 55B2AE

■ 00B2AA

■ 66B2AE

■ 78B2AF

■ 8AB2B0

■ 9CB2B1

■ AEB2B2

■ BFB2B3

■ D1B2B3

Harmonies

Analogous

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



5FB08B



31B2AC



1AB0CA

Triad

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



31B2AC



B494D1



C79864

Complementary

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



31B2AC



B23137

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.



DB8D78



31B2AC



D38AB6

Square

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



31B2AC



86A0E0



DF8896



AAA361

Rectangle

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



31B2AC



3BACD8



DF8896



CF9469

Sweetspot

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



31B2AC



B5E8E6



37B231



577574



F5F5F5



757575

Same Dimension

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



31B2AC



1EE8DF



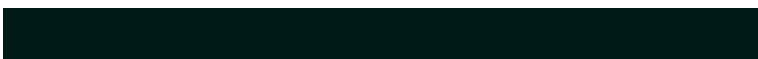
3178B2



505959



009992



001A18

Inverse Universe

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



B23137



E81E28



B26B31



595051



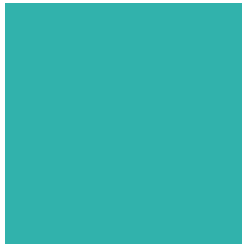
990007



1A0001

Previews

White Background



This preview shows how the Hex color 31B2AC 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 31B2AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

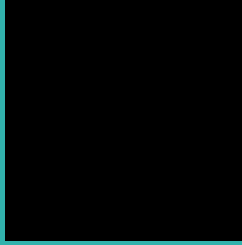
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

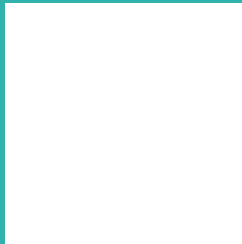
Any Text WCAG AAA ✓ Pass

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

Hex 31B2AC Background



This preview shows how black text looks on a background with the Hex color 31B2AC.

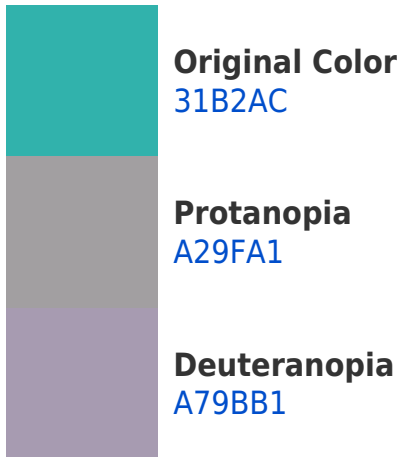


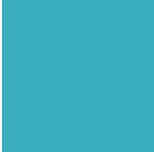
This preview shows how white text looks on a background with the Hex color 31B2AC.

Color Blindness Simulation

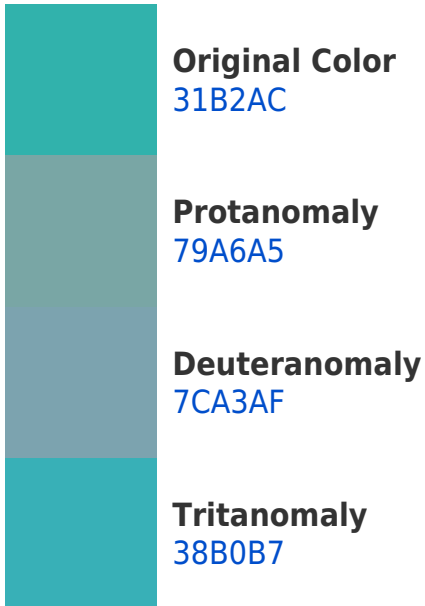
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

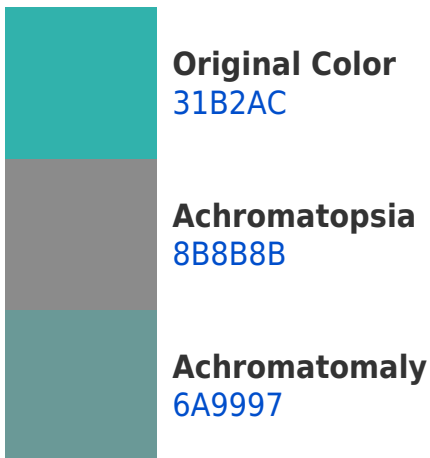




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31B2AC 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 #31B2AC looks like.

```
.text, #text, p{  
    color:#31B2AC  
}
```

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 #31B2AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31B2AC
}
```

Border

The CSS property to change the border of an element to Hex 31B2AC 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
#31B2AC }
```

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

```
.border{ border-color:#31B2AC }
```

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

Here you see how a box with a 4 pixel #31B2AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31B2AC; -webkit-box-shadow:4px 4px  
4px 4px #31B2AC; box-shadow:4px 4px 4px  
4px #31B2AC }
```

Background

The CSS property to change the background color of an element to Hex 31B2AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31B2AC }
```

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

```
.background{ background-color:#31B2AC }
```

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