

# Converting Colors

Hex(31BAA6)

Have a look what the booklet for  
Hex(31BAA6) contains.

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# Color

Hex(31BAA6)

# Conversions

## Conversions Part 1

Format	Color
Hex	31BAA6
RGB	49, 186, 166
RGB Percent	19%, 73%, 65%
CMY	0.8078, 0.2706, 0.3490
CMYK	0.74, 0.00, 0.11, 0.27
HSL	171°, 58%, 46%
HSV	171°, 74%, 73%
XYZ	25.7085, 38.5240, 42.1573
YIQ	142.7570, -75.2320, -35.2640

# Conversions

## Conversions Part 2

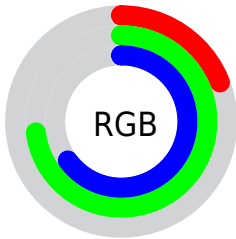
Format	Color
<a href="#">RYB</a>	<a href="#">49, 123, 186</a>
Decimal	<a href="#">3259046</a>
CIELab	<a href="#">68.41, -40.46, -0.24</a>
CIELCh	<a href="#">68, 40.458, 180.345</a>
Yxy	<a href="#">38.5240, 0.2416, 0.3621</a>
Android (android.graphics.Color)	<a href="#">4281449126 (0xFF31BAA6)</a>
YUV	<a href="#">142.7570, 11.4588, -82.2249</a>
Hunter-Lab	<a href="#">62.0677, -34.6836, 3.1767</a>

# Details

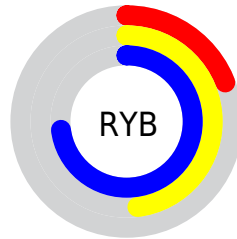
The Hex color **31BAA6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BA3145**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **74F3DD**, and **008472** is the 20% darker color. If you saturate the color by 10%, you get **1EBAA3**, and if you desaturate by 10%, it is **44BAA9**.

# Distribution



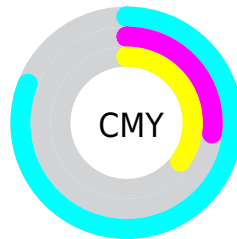
- Red (19%)
- Green (73%)
- Blue (65%)



- Red (19%)
- Yellow (48%)
- Blue (73%)



- Cyan (74%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (81%)
- Magenta (27%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31BAA6 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 31BAA6 by changing the saturation by 10% instead.



 31BAA6

 31BAA6

FFFFFF

 009F8C

 74F3DD

 008472

 92FFFA

 006A5A

 B0FFFF

 005142

 CEFFFF


 00392C

 ECFFFF

 002418

 000000

 31BAA6

 31BAA6

 1EBAA3

 44BAA9

0CBAA1

56BAAB

00BA9F

69BAAE

7BBAB1

8EBAB4

A1BAB6

B3BAB9

C6BABC

D8BABE

# Harmonies

## Analogous

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



6BB781



31BAA6



00B9CB

# Triad

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



31BAA6



AB9DE6



DB9868

# Complementary

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



31BAA6



BA3145

# 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.



EC8D84



31BAA6



D590CC

# Square

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



31BAA6



6FAAF0



EB8AA8



BEA55D

# Rectangle

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



31BAA6



00B6DE



EB8AA8



E29470



# Sweetspot

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



31BAA6



BDF2EA



46BA31



5B7A76



FAFAFA



7A7A7A



# Same Dimension

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



31BAA6



1DF2D3



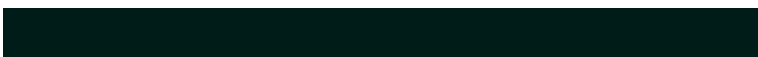
318ABA



535C5A



009C85



001C18



# Inverse Universe

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



BA3145



F21D3C



BA6131



5C5354



9C0017

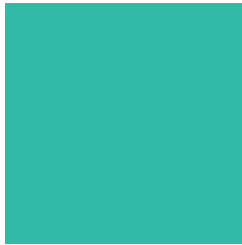


1C0004



# Previews

## White Background



This preview shows how the Hex color 31BAA6 looks on a white background.

## Color Contrast Check

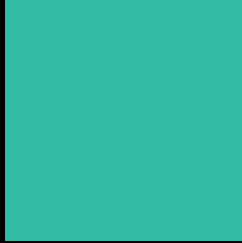
Large Text (above 18pt) WCAG AA × Fail

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 31BAA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

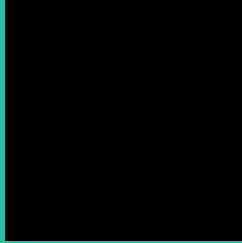
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

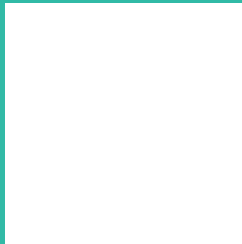
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 31BAA6 Background



This preview shows how black text looks on a background with the Hex color 31BAA6.

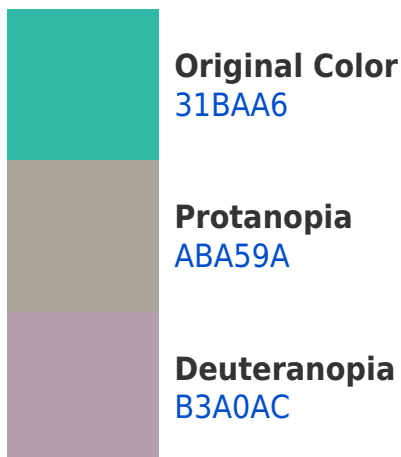


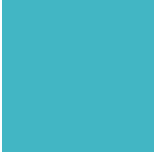
This preview shows how white text looks on a background with the Hex color 31BAA6.

# 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](#).

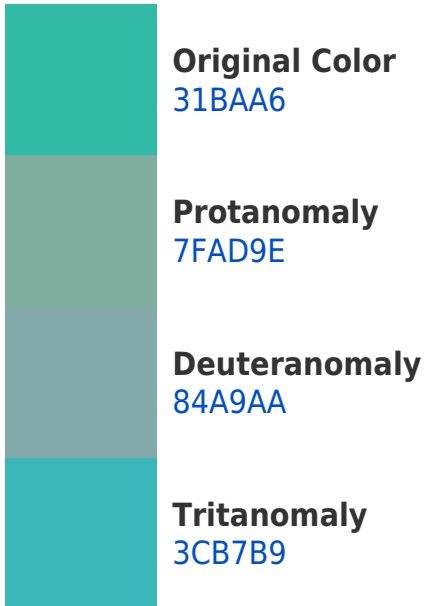
## Dichromacy





**Tritanopia**  
42B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31BAA6 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 #31BAA6 looks like.

```
.text, #text, p{  
    color:#31BAA6  
}
```

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 #31BAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31BAA6
}
```

## Border

The CSS property to change the border of an element to Hex 31BAA6 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
#31BAA6 }
```

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

```
.border{ border-color:#31BAA6 }
```

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

Here you see how a box with a 4 pixel #31BAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31BAA6; -webkit-box-shadow:4px 4px  
4px 4px #31BAA6; box-shadow:4px 4px 4px  
4px #31BAA6 }
```

# Background

The CSS property to change the background color of an element to Hex 31BAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31BAA6 }
```

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

```
.background{ background-color:#31BAA6 }
```

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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