

Converting Colors

Hex(31A9AB)

Have a look what the booklet for
Hex(31A9AB) contains.

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Color

Hex(31A9AB)

Conversions

Conversions Part 1

Format	Color
Hex	31A9AB
RGB	49, 169, 171
RGB Percent	19%, 66%, 67%
CMY	0.8078, 0.3373, 0.3294
CMYK	0.71, 0.01, 0.00, 0.33
HSL	181°, 55%, 43%
HSV	181°, 71%, 67%
XYZ	22.8053, 31.9692, 43.4968
YIQ	133.3480, -72.1620, -24.8180

Conversions

Conversions Part 2

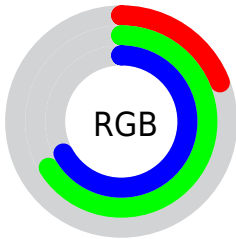
Format	Color
RYB	49, 109, 171
Decimal	3254699
CIELab	63.32, -31.19, -10.54
CIELCh	63, 32.923, 198.678
Yxy	31.9692, 0.2321, 0.3253
Android (android.graphics.Color)	4281444779 (0xFF31A9AB)
YUV	133.3480, 18.5624, -73.9732
Hunter-Lab	56.5413, -26.9514, -6.0324

Details

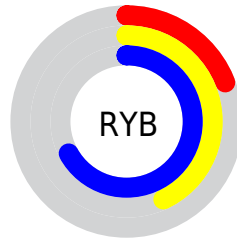
The Hex color **31A9AB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB3331**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **72E1E2**, and **007477** is the 20% darker color. If you saturate the color by 10%, you get **20A9AB**, and if you desaturate by 10%, it is **42A9AB**.

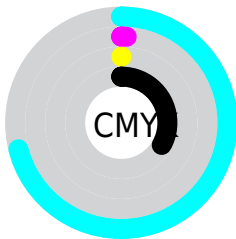
Distribution



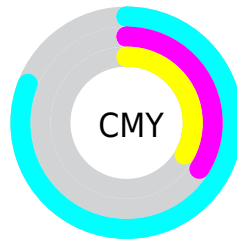
- Red (19%)
- Green (66%)
- Blue (67%)



- Red (19%)
- Yellow (43%)
- Blue (67%)



- Cyan (71%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (81%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A9AB 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 31A9AB by changing the saturation by 10% instead.

 31A9AB

 31A9AB

FFFFFF

 008E91

 72E1E2

 007477

 90FEFF

 005B5E

 ADFFFF

 004347

 CBFFFF

 002C30

 E9FFFF

 00151C

 000000

 31A9AB

 31A9AB

 20A9AB

 42A9AB

0FA8AB

53AAAB

00A8AB

64AAAB

75AAAB

86AAAB

98ABAB

A9ABAB

BAABAB

CBACAB

Harmonies

Analogous

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



54A88D



31A9AB



32A6C4

Triad

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



31A9AB



B38BC0



B79460

Complementary

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



31A9AB



AB3331

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.



CB8A6E



31A9AB



CB84A6

Square

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



31A9AB



8D96D1



D38388



9A9D61

Rectangle

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



31A9AB



4DA2CF



D38388



BF9063

Sweetspot

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



31A9AB



AFDDDE



31AB31



547070



F0F0F0



707070

Same Dimension

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



31A9AB



1FDBDE



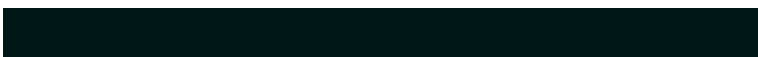
316EAB



4E5757



009496



001717

Inverse Universe

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



AB31A9



DE1FDB



AB6E31



574E57



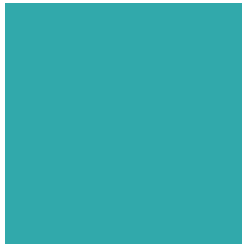
960094



170017

Previews

White Background



This preview shows how the Hex color 31A9AB 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 31A9AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

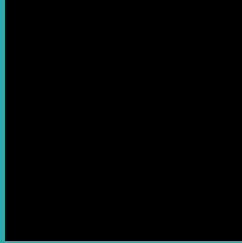
Any Text WCAG AA ✓ Pass

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 31A9AB Background



This preview shows how black text looks on a background with the Hex color 31A9AB.

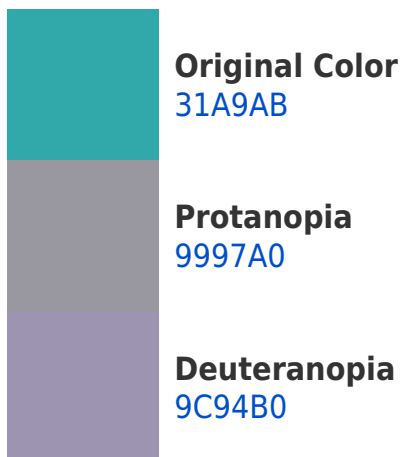


This preview shows how white text looks on a background with the Hex color 31A9AB.

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](#).

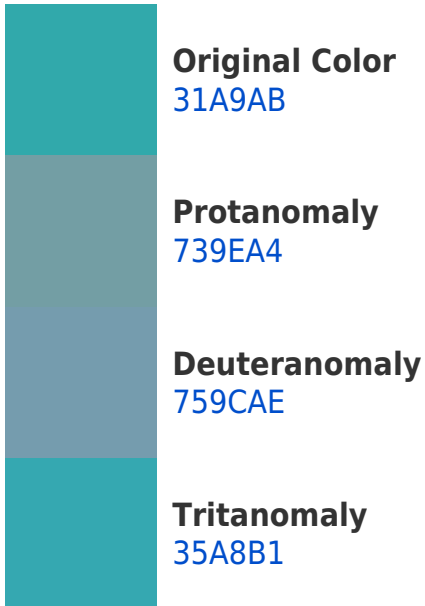
Dichromacy



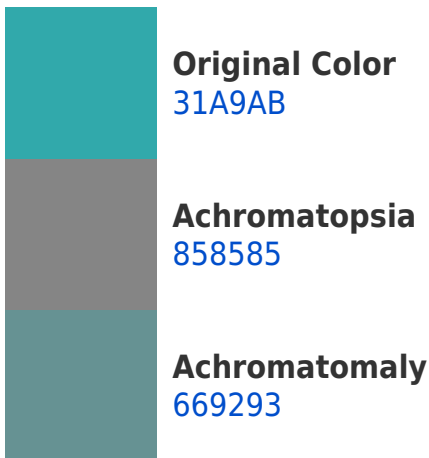


Tritanopia
37A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A9AB 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 #31A9AB looks like.

```
.text, #text, p{  
    color:#31A9AB  
}
```

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 #31A9AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A9AB  
}
```

Border

The CSS property to change the border of an element to Hex 31A9AB 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  
#31A9AB }
```

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

```
.border{ border-color:#31A9AB }
```

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

Here you see how a box with a 4 pixel #31A9AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A9AB; -webkit-box-shadow:4px 4px  
4px 4px #31A9AB; box-shadow:4px 4px 4px  
4px #31A9AB }
```

Background

The CSS property to change the background color of an element to Hex 31A9AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A9AB }
```

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

```
.background{ background-color:#31A9AB }
```

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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