

Converting Colors

Hex(31AC9A)

Have a look what the booklet for
Hex(31AC9A) contains.

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Color

Hex(31AC9A)

Conversions

Conversions Part 1

Format	Color
Hex	31AC9A
RGB	49, 172, 154
RGB Percent	19%, 67%, 60%
CMY	0.8078, 0.3255, 0.3961
CMYK	0.72, 0.00, 0.10, 0.33
HSL	171°, 56%, 43%
HSV	171°, 72%, 67%
XYZ	21.8519, 32.4911, 35.6915
YIQ	133.1710, -67.5300, -31.6740

Conversions

Conversions Part 2

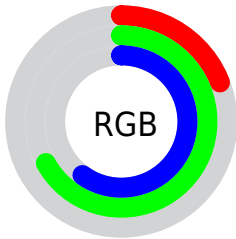
Format	Color
RYB	49, 115, 172
Decimal	3255450
CIELab	63.75, -37.43, -0.41
CIELCh	64, 37.433, 180.621
Yxy	32.4911, 0.2427, 0.3609
Android (android.graphics.Color)	4281445530 (0xFF31AC9A)
YUV	133.1710, 10.2687, -73.8180
Hunter-Lab	57.0010, -31.3220, 2.7758

Details

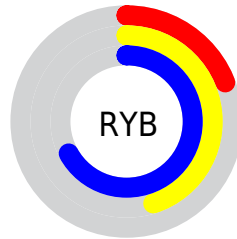
The Hex color **31AC9A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC3143**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **71E4D0**, and **007767** is the 20% darker color. If you saturate the color by 10%, you get **20AC97**, and if you desaturate by 10%, it is **42AC9D**.

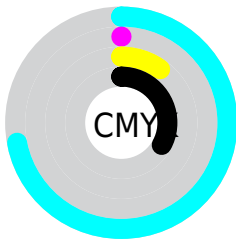
Distribution



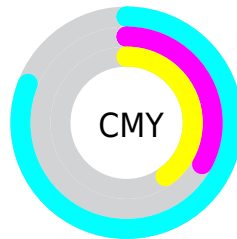
- Red (19%)
- Green (67%)
- Blue (60%)



- Red (19%)
- Yellow (45%)
- Blue (67%)



- Cyan (72%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (81%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31AC9A 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 31AC9A by changing the saturation by 10% instead.

 31AC9A

 31AC9A

FFFFFF

 009180

 71E4D0

 007767

 8EFFED

 005E4F

 ACFFFF

 004538

 C9FFFF

 002E23

 E7FFFF

 00160E

 000000

 31AC9A

 31AC9A

 20AC97

 42AC9D

0FAC95

53AC9F

00AC93

65ACA2

76ACA4

87ACA7

98ACA9

A9ACAC

BBACAE

CCACB1

Harmonies

Analogous

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



64A979



31AC9A



00ABBB

Triad

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



31AC9A



9F91D4



CA8D61

Complementary

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



31AC9A



AC3143

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.



D9837A



31AC9A



C586BC

Square

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



31AC9A



699DDD



D9809B



AF9957

Rectangle

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



31AC9A



00A8CD



D9809B



D18968

Sweetspot

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



31AC9A



B1E0DA



43AC31



54706C



F0F0F0



707070

Same Dimension

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



31AC9A



1FE0C4



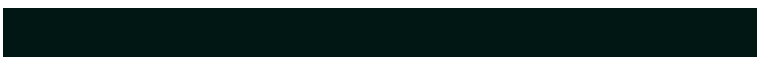
3181AC



4E5755



009680



001714

Inverse Universe

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



AC3143



E01F3C



AC5C31



574E4F



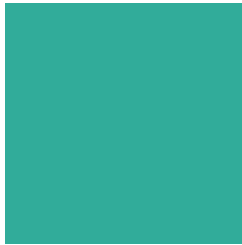
960016



170003

Previews

White Background



This preview shows how the Hex color 31AC9A looks on a white background.

Color Contrast Check

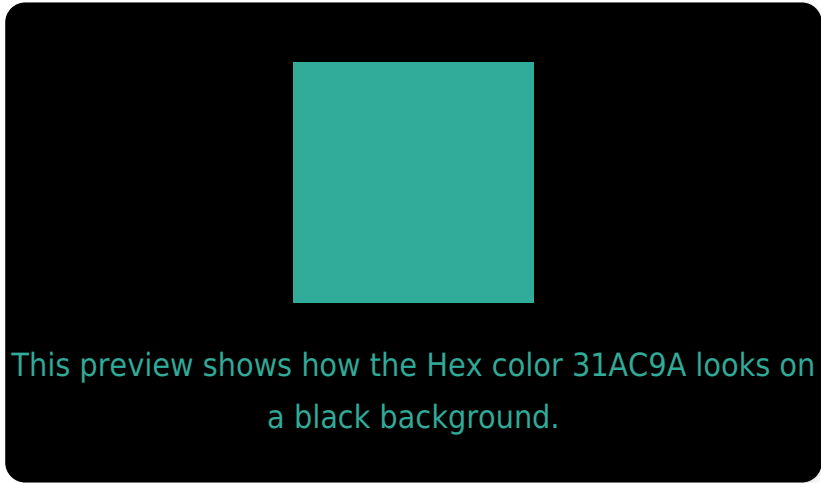
Large Text (above 18pt) WCAG AA × Fail

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

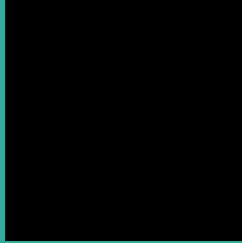
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

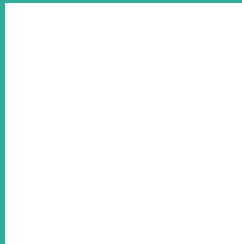
Any Text WCAG AAA ✓ Pass

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

Hex 31AC9A Background



This preview shows how black text looks on a background with the Hex color 31AC9A.

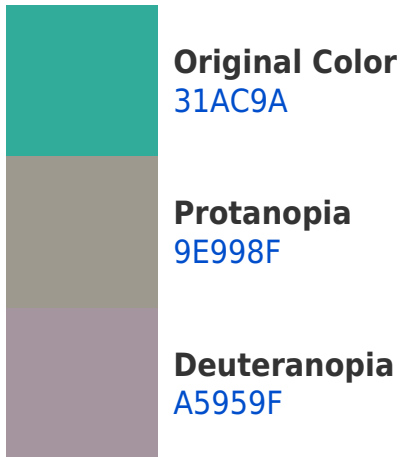


This preview shows how white text looks on a background with the Hex color 31AC9A.

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](#).

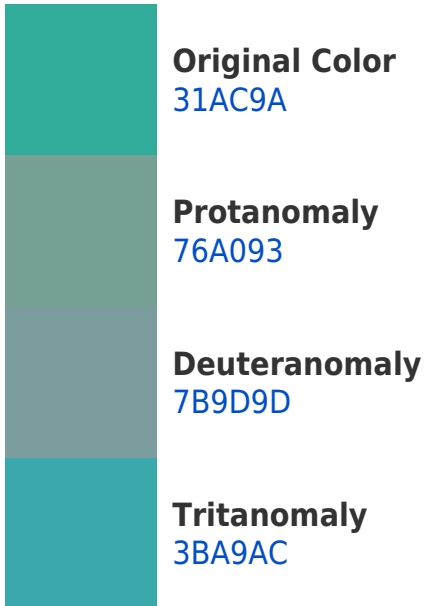
Dichromacy





Tritanopia
40A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31AC9A 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 #31AC9A looks like.

```
.text, #text, p{  
    color:#31AC9A  
}
```

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 #31AC9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31AC9A
}
```

Border

The CSS property to change the border of an element to Hex 31AC9A 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
#31AC9A }
```

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

```
.border{ border-color:#31AC9A }
```

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

Here you see how a box with a 4 pixel #31AC9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31AC9A; -webkit-box-shadow:4px 4px  
4px 4px #31AC9A; box-shadow:4px 4px 4px  
4px #31AC9A }
```

Background

The CSS property to change the background color of an element to Hex 31AC9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31AC9A }
```

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

```
.background{ background-color:#31AC9A }
```

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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