

Converting Colors

Hex(31AB8B)

Have a look what the booklet for
Hex(31AB8B) contains.

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Color

Hex(31AB8B)

Conversions

Conversions Part 1

Format	Color
Hex	31AB8B
RGB	49, 171, 139
RGB Percent	19%, 67%, 55%
CMY	0.8078, 0.3294, 0.4549
CMYK	0.71, 0.00, 0.19, 0.33
HSL	164°, 55%, 43%
HSV	164°, 71%, 67%
XYZ	20.4897, 31.6429, 29.4539
YIQ	130.8740, -62.4400, -35.8160

Conversions

Conversions Part 2

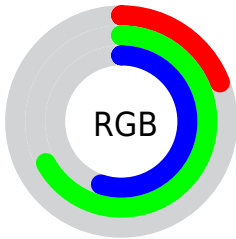
Format	Color
RYB	49, 119, 171
Decimal	3255179
CIELab	63.05, -40.92, 6.94
CIElCh	63, 41.500, 170.373
Yxy	31.6429, 0.2511, 0.3878
Android (android.graphics.Color)	4281445259 (0xFF31AB8B)
YUV	130.8740, 4.0061, -71.8035
Hunter-Lab	56.2520, -33.4225, 8.3318

Details

The Hex color **31AB8B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB3151**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **70E3C0**, and **007659** is the 20% darker color. If you saturate the color by 10%, you get **20AB87**, and if you desaturate by 10%, it is **42AB8F**.

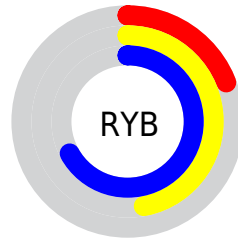
Distribution



Red (19%)

Green (67%)

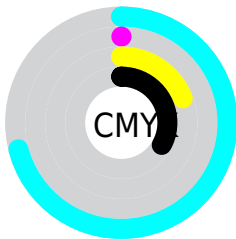
Blue (55%)



Red (19%)

Yellow (47%)

Blue (67%)

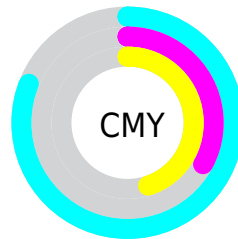


Cyan (71%)

Magenta (0%)

Yellow (19%)

Black (33%)



Cyan (81%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31AB8B 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 31AB8B by changing the saturation by 10% instead.

 31AB8B

 31AB8B

FFFFFF

 009072

 70E3C0

 007659

 8DFFDC

 005C42

 AAFF99

 00442C

 C8FFFF

 002D17

 E5FFFF

 001300

 000000

 31AB8B

 31AB8B

 20AB87

 42AB8F

0FAB82

53AB94

00AB7E

64AB98

75AB9D

86ABA1

98ABA6

A9ABAA

BAABAF

CBABB3

Harmonies

Analogous

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



6CA768



31AB8B



00ACB1

Triad

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



31AB8B



8A93DE



D48561

Complementary

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



31AB8B



AB3151

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.



DF7C81



31AB8B



BB86C8

Square

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



31AB8B



41A0E1



D87CA6



BA924F

Rectangle

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



31AB8B



00AAC7



D87CA6



D9816B

Sweetspot

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



31AB8B



AFDED2



52AB31



547069



F0F0F0



707070

Same Dimension

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



31AB8B



1FDEAC



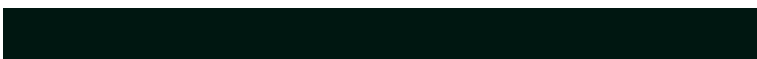
318FAB



4E5754



00966F



001711

Inverse Universe

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



AB3151



DE1F51



AB4D31



574E50



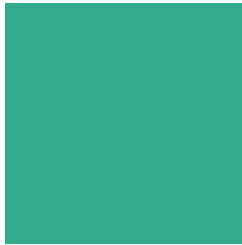
960027



170006

Previews

White Background



This preview shows how the Hex color 31AB8B looks on a white background.

Color Contrast Check

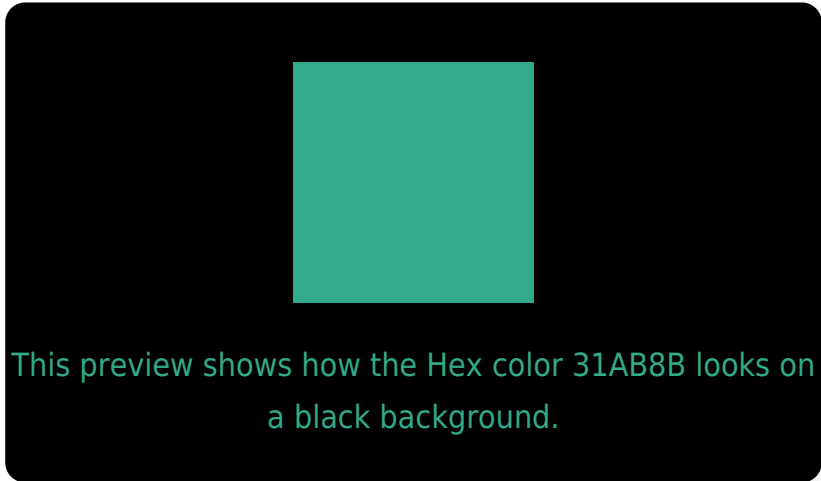
Large Text (above 18pt) WCAG AA × Fail

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

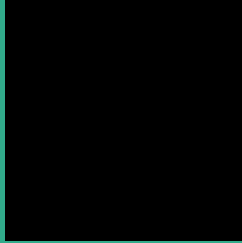
Any Text WCAG AA ✓ Pass

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 31AB8B Background



This preview shows how black text looks on a background with the Hex color 31AB8B.

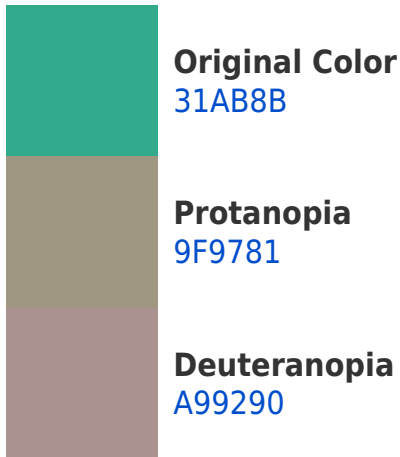


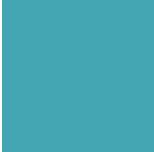
This preview shows how white text looks on a background with the Hex color 31AB8B.

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



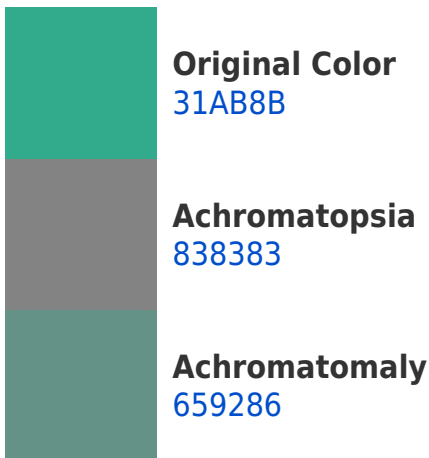


Tritanopia
44A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31AB8B 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 #31AB8B looks like.

```
.text, #text, p{  
    color:#31AB8B  
}
```

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 #31AB8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31AB8B
}
```

Border

The CSS property to change the border of an element to Hex 31AB8B 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
#31AB8B }
```

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

```
.border{ border-color:#31AB8B }
```

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

Here you see how a box with a 4 pixel #31AB8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31AB8B; -webkit-box-shadow:4px 4px  
4px 4px #31AB8B; box-shadow:4px 4px 4px  
4px #31AB8B }
```

Background

The CSS property to change the background color of an element to Hex 31AB8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31AB8B }
```

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

```
.background{ background-color:#31AB8B }
```

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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