

Converting Colors

Hex(31ACB8)

Have a look what the booklet for
Hex(31ACB8) contains.

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Color

Hex(31ACB8)

Conversions

Conversions Part 1

Format	Color
Hex	31ACB8
RGB	49, 172, 184
RGB Percent	19%, 67%, 72%
CMY	0.8078, 0.3255, 0.2784
CMYK	0.73, 0.07, 0.00, 0.28
HSL	185°, 58%, 46%
HSV	185°, 73%, 72%
XYZ	24.6709, 33.6187, 50.5362
YIQ	136.5910, -77.1600, -22.3440

Conversions

Conversions Part 2

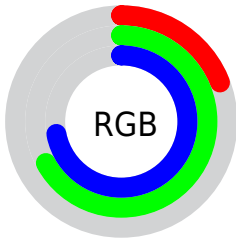
Format	Color
RYB	49, 113, 184
Decimal	3255480
CIELab	64.66, -28.72, -15.78
CIELCh	65, 32.771, 208.791
Yxy	33.6187, 0.2267, 0.3089
Android (android.graphics.Color)	4281445560 (0xFF31ACB8)
YUV	136.5910, 23.3726, -76.8173
Hunter-Lab	57.9816, -25.5171, -11.0894

Details

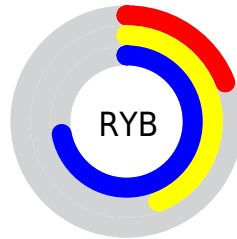
The Hex color **31ACB8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B83D31**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **74E4F0**, and **007783** is the 20% darker color. If you saturate the color by 10%, you get **1FAAB8**, and if you desaturate by 10%, it is **43AEB8**.

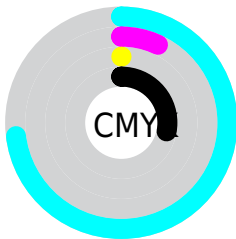
Distribution



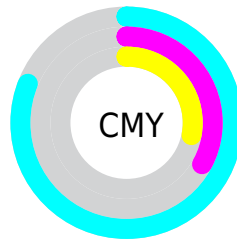
- Red (19%)
- Green (67%)
- Blue (72%)



- Red (19%)
- Yellow (44%)
- Blue (72%)



- Cyan (73%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (81%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31ACB8 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 31ACB8 by changing the saturation by 10% instead.

 31ACB8

 31ACB8

FFFFFF

 00919D

 74E4F0

 007783

 92FFFF

 005E6A

 B0FFFF

 004652

 CEFFFF

 002F3B

 ECFFFF

 001A25

 00010F

 000000

 31ACB8

 31ACB8

1FAAB8

43AEB8

0CA9B8

56AFB8

00A8B8

68B1B8

7BB3B8

8DB4B8

9FB6B8

B2B7B8

C4B9B8

D7BBB8

Harmonies

Analogous

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



4CAD9B



31ACB8



44A8CE

Triad

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



31ACB8



C18CBC



B29B62

Complementary

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



31ACB8



B8D31

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.



C9916C



31ACB8



D3879F

Square

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



31ACB8



9F96D0



D68982



93A469

Rectangle

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



31ACB8



62A3D6



D68982



BA9763

Sweetspot

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



31ACB8



BBEBF0



31B83C



597578



F7F7F7



787878

Same Dimension

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



31ACB8



1DDDF0



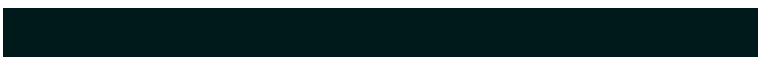
3169B8



535B5C



008E9C



001A1C

Inverse Universe

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



B831AC



F01DDD



B88031



5C535B



9C008E



1C001A

Previews

White Background



This preview shows how the Hex color 31ACB8 looks on a white background.

Color Contrast Check

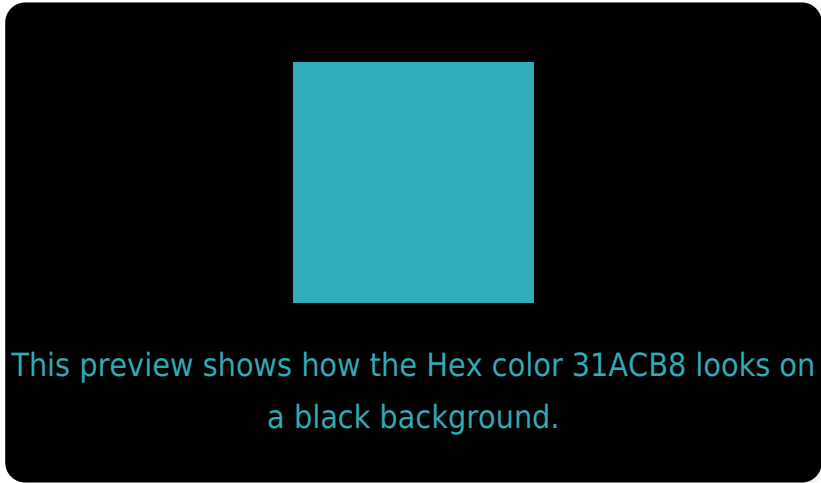
Large Text (above 18pt) WCAG AA × Fail

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

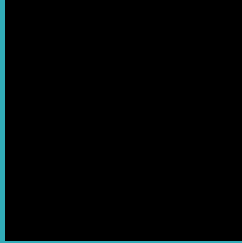
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

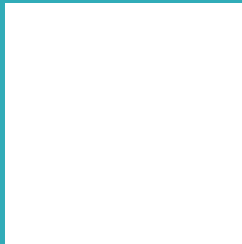
Any Text WCAG AAA ✓ Pass

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

Hex 31ACB8 Background



This preview shows how black text looks on a background with the Hex color 31ACB8.

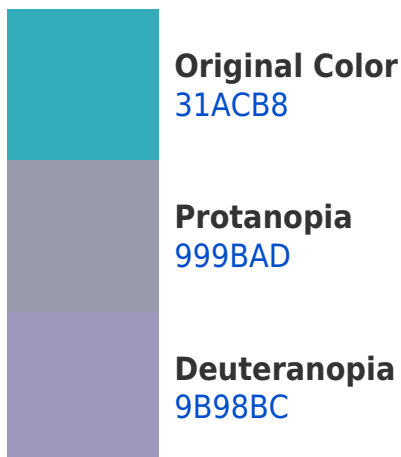


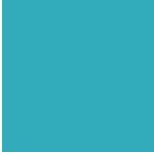
This preview shows how white text looks on a background with the Hex color 31ACB8.

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



Original Color
31ACB8



Protanomaly
73A1B1



Deuteranomaly
749FBB



Tritanomaly
32ACB9

Monochromacy



Original Color
31ACB8



Achromatopsia
898989



Achromatomaly
69969A

CSS Examples

Text

The CSS property to change the color of the text to Hex 31ACB8 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 #31ACB8 looks like.

```
.text, #text, p{  
    color:#31ACB8  
}
```

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 #31ACB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31ACB8
}
```

Border

The CSS property to change the border of an element to Hex 31ACB8 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
#31ACB8 }
```

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

```
.border{ border-color:#31ACB8 }
```

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

Here you see how a box with a 4 pixel #31ACB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31ACB8; -webkit-box-shadow:4px 4px  
4px 4px #31ACB8; box-shadow:4px 4px 4px  
4px #31ACB8 }
```

Background

The CSS property to change the background color of an element to Hex 31ACB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31ACB8 }
```

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

```
.background{ background-color:#31ACB8 }
```

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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