

Converting Colors

Hex(31ABCB)

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

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Color

Hex(31ABCB)

Conversions

Conversions Part 1

Format	Color
Hex	31ABCB
RGB	49, 171, 203
RGB Percent	19%, 67%, 80%
CMY	0.8078, 0.3294, 0.2039
CMYK	0.76, 0.16, 0.00, 0.20
HSL	192°, 61%, 49%
HSV	192°, 76%, 80%
XYZ	26.6090, 34.0906, 61.6776
YIQ	138.1700, -82.9840, -15.9120

Conversions

Conversions Part 2

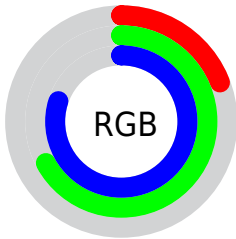
Format	Color
RYB	49, 117, 203
Decimal	3255243
CIELab	65.03, -22.20, -25.77
CIELCh	65, 34.010, 229.259
Yxy	34.0906, 0.2174, 0.2786
Android (android.graphics.Color)	4281445323 (0xFF31ABCB)
YUV	138.1700, 31.9612, -78.2021
Hunter-Lab	58.3871, -20.8289, -21.7603

Details

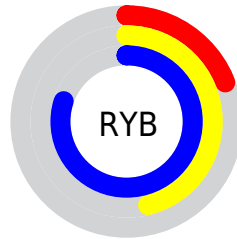
The Hex color **31ABCB** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CB5131**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **76E3FF**, and **007795** is the 20% darker color. If you saturate the color by 10%, you get **1DA7CB**, and if you desaturate by 10%, it is **45AFCB**.

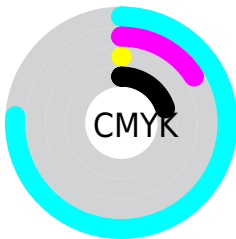
Distribution



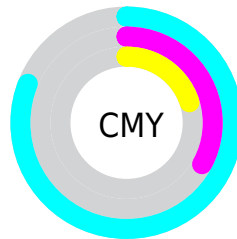
- Red (19%)
- Green (67%)
- Blue (80%)



- Red (19%)
- Yellow (46%)
- Blue (80%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (81%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 31ABCB

 31ABCB


FFFFFF

 0090B0

 76E3FF

 007795

 95FFFF

 005E7B

 B3FFFF

 004662

 D1FFFF

 002F4A

 F0FFFF

 001C33

 00021E

 000000

 31ABCB

 31ABCB

■ 1DA7CB

■ 45AFCB

■ 08A3CB

■ 5AB3CB

■ 00A1CB

■ 6EB8CB

■ 82BCCB

■ 97C0CB

■ ABC4CB

■ BFC9CB

■ D3CDCB

■ E8D1CB

Harmonies

Analogous

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



2FAEB1



31ABCB



60A4D9

Triad

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



31ABCB



D287AA



9EA263

Complementary

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



31ABCB



CB5131

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.



BC9862



31ABCB



DA878B

Square

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



31ABCB



B98FC6



D18E71



7CA975

Rectangle

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



31ABCB



829EDA



D18E71



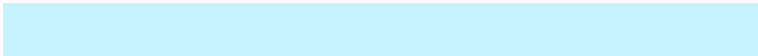
A99F61

Sweetspot

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



31ABCB



C4F3FF



31CB50



5C7880



000000



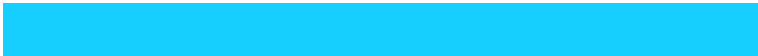
808080

Same Dimension

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



31ABCB



17CFFF



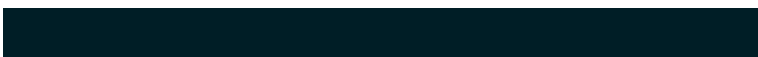
315FCB



5C6466



0083A6



001E26

Inverse Universe

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



CB31AB



FF17CF



CB9D31



665C64



A60083



26001E

Previews

White Background



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

Color Contrast Check

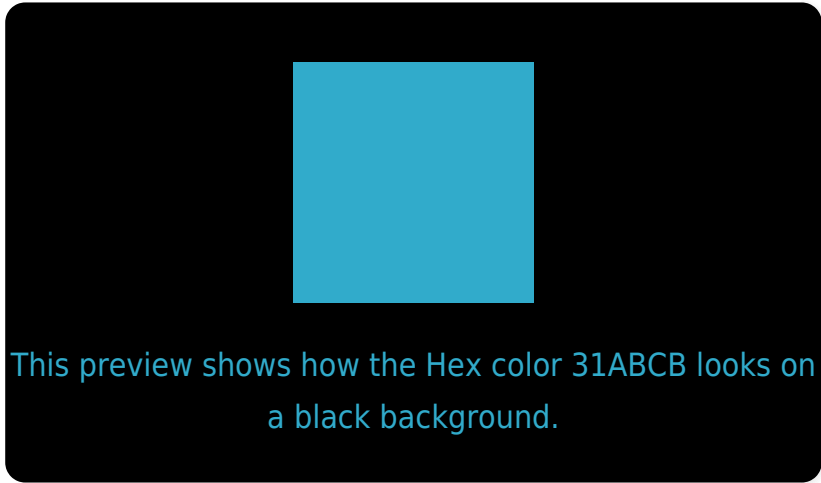
Large Text (above 18pt) WCAG AA × Fail

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

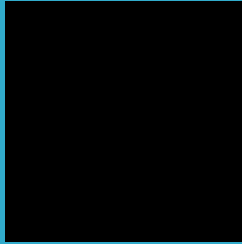
Any Text WCAG AA ✓ Pass

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 31ABCB Background



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

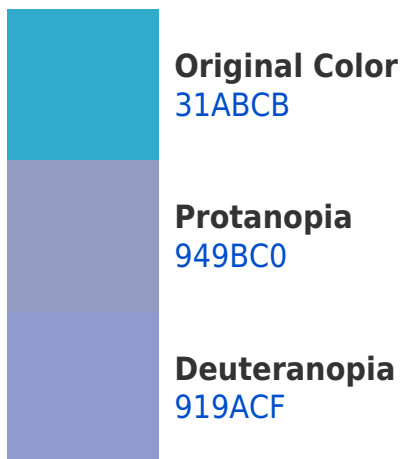


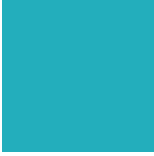
This preview shows how white text looks on a background with the Hex color 31ABCB.

Color Blindness Simulation

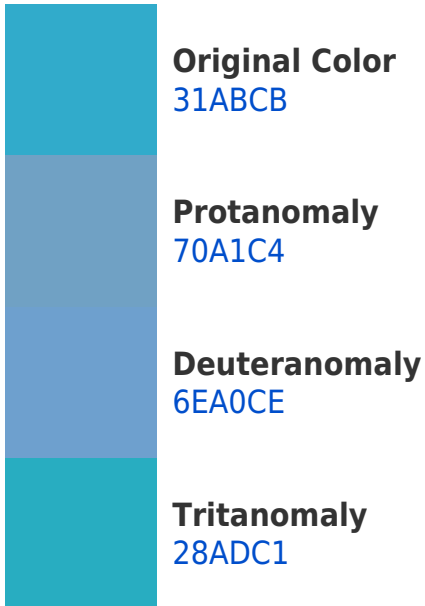
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

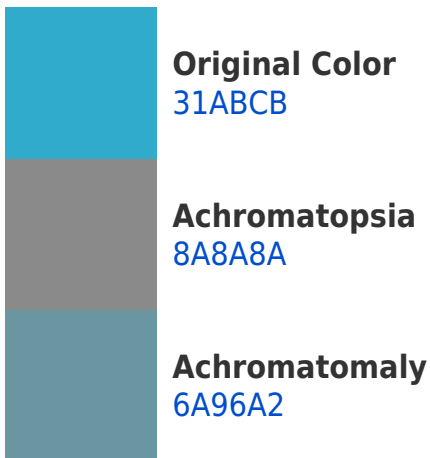




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #31ABCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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