

Converting Colors

Hex(31B8D7)

Have a look what the booklet for
Hex(31B8D7) contains.

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Color

Hex(31B8D7)

Conversions

Conversions Part 1

Format	Color
Hex	31B8D7
RGB	49, 184, 215
RGB Percent	19%, 72%, 84%
CMY	0.8078, 0.2784, 0.1569
CMYK	0.77, 0.14, 0.00, 0.16
HSL	191°, 67%, 52%
HSV	191°, 77%, 84%
XYZ	30.6729, 39.8402, 70.3633
YIQ	147.1690, -90.4110, -18.9790

Conversions

Conversions Part 2

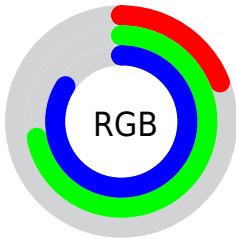
Format	Color
RYB	49, 123, 215
Decimal	3258583
CIELab	69.36, -24.95, -25.75
CIELCh	69, 35.855, 225.897
Yxy	39.8402, 0.2177, 0.2828
Android (android.graphics.Color)	4281448663 (0xFF31B8D7)
YUV	147.1690, 33.4407, -86.0942
Hunter-Lab	63.1191, -23.7161, -21.9113

Details

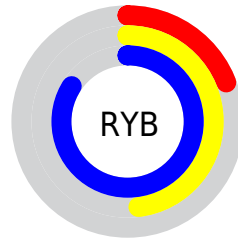
The Hex color **31B8D7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted azure. A complement of this color would be **D75031**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **79F0FF**, and **0083A0** is the 20% darker color. If you saturate the color by 10%, you get **1CB4D7**, and if you desaturate by 10%, it is **47BCD7**.

Distribution



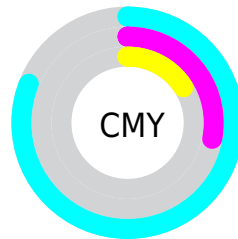
- Red (19%)
- Green (72%)
- Blue (84%)



- Red (19%)
- Yellow (48%)
- Blue (84%)



- Cyan (77%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31B8D7 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 31B8D7 by changing the saturation by 10% instead.

 31B8D7

 31B8D7

FFFFFF

 009DBB

 79F0FF

 0083A0

 98FFFF

 006986

 B7FFFF

 00516D

 D6FFFF

 003954

 F4FFFF

 00243D

 000327

 000111

 000000

■ 31B8D7

■ 31B8D7

■ 1CB4D7

■ 47BCD7

■ 06B0D7

■ 5CC0D7

■ 00AFD7

■ 72C4D7

■ 87C8D7

■ 9DCCD7

■ B2D0D7

■ C8D4D7

■ DDD8D7

■ F3DCD7

Harmonies

Analogous

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



37BBBA



31B8D7



61B1E8

Triad

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



31B8D7



DF92BA



AEAD6A

Complementary

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



31B8D7



D75031

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.



CDA26B



31B8D7



E99199

Square

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



31B8D7



C39BD7



E2977C



89B57B

Rectangle

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



31B8D7



86AAEA



E2977C



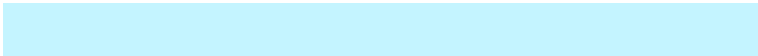
B9A968

Sweetspot

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



31B8D7



C4F4FF



31D74F



5C7980



000000



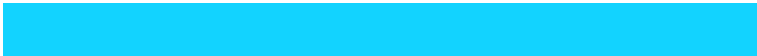
808080

Same Dimension

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



31B8D7



12D3FF



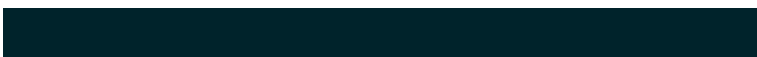
3166D7



60696B



008BAB



00232B

Inverse Universe

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



D731B8



FF12D3



D7A231



6B6069



AB008B



2B0023

Previews

White Background



This preview shows how the Hex color 31B8D7 looks on a white background.

Color Contrast Check

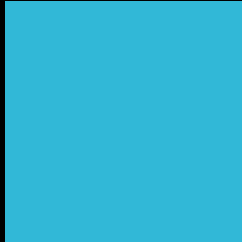
Large Text (above 18pt) WCAG AA × Fail

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 31B8D7 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 31B8D7 Background



This preview shows how black text looks on a background with the Hex color 31B8D7.

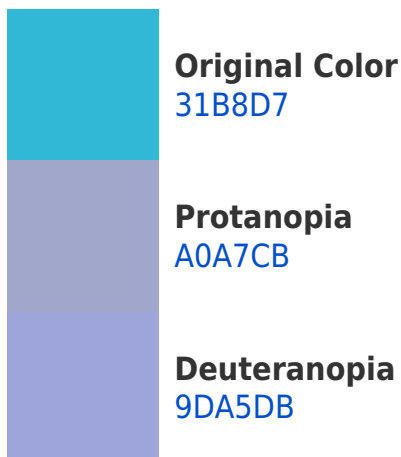


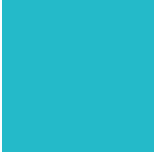
This preview shows how white text looks on a background with the Hex color 31B8D7.

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](#).

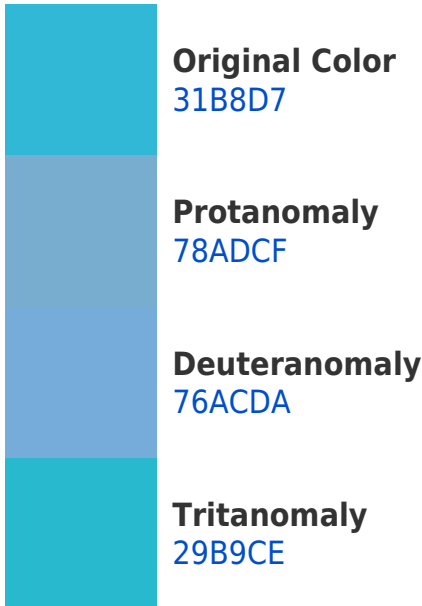
Dichromacy





Tritanopia
24BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31B8D7 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 #31B8D7 looks like.

```
.text, #text, p{  
    color:#31B8D7  
}
```

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 #31B8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31B8D7
}
```

Border

The CSS property to change the border of an element to Hex 31B8D7 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
#31B8D7 }
```

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

```
.border{ border-color:#31B8D7 }
```

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

Here you see how a box with a 4 pixel #31B8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31B8D7; -webkit-box-shadow:4px 4px  
4px 4px #31B8D7; box-shadow:4px 4px 4px  
4px #31B8D7 }
```

Background

The CSS property to change the background color of an element to Hex 31B8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31B8D7 }
```

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

```
.background{ background-color:#31B8D7 }
```

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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