

Converting Colors

Hex(31C7E7)

Have a look what the booklet for
Hex(31C7E7) contains.

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Color

Hex(31C7E7)

Conversions

Conversions Part 1

Format	Color
Hex	31C7E7
RGB	49, 199, 231
RGB Percent	19%, 78%, 91%
CMY	0.8078, 0.2196, 0.0941
CMYK	0.79, 0.14, 0.00, 0.09
HSL	191°, 79%, 55%
HSV	191°, 79%, 91%
XYZ	36.1139, 47.2693, 82.8218
YIQ	157.7980, -99.6720, -21.8480

Conversions

Conversions Part 2

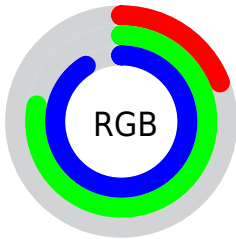
Format	Color
RYB	49, 131, 231
Decimal	3262439
CIELab	74.36, -27.35, -26.77
CIELCh	74, 38.269, 224.393
Yxy	47.2693, 0.2173, 0.2844
Android (android.graphics.Color)	4281452519 (0xFF31C7E7)
YUV	157.7980, 36.0886, -95.4158
Hunter-Lab	68.7527, -26.5562, -23.2958

Details

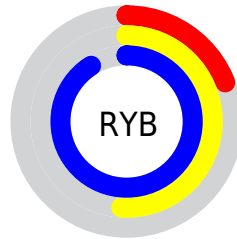
The Hex color **31C7E7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E75131**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7CFFFF**, and **0091AF** is the 20% darker color. If you saturate the color by 10%, you get **1AC3E7**, and if you desaturate by 10%, it is **48CBE7**.

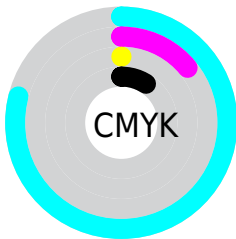
Distribution



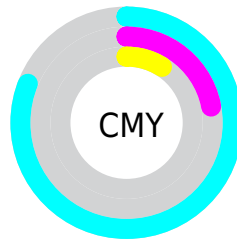
- Red (19%)
- Green (78%)
- Blue (91%)



- Red (19%)
- Yellow (51%)
- Blue (91%)



- Cyan (79%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (81%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31C7E7 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 31C7E7 by changing the saturation by 10% instead.

 31C7E7

FFFFFF

 7CFFFF

 9DFFFF

 BCFFFF

 DBFFFF

 FAFFFF

 31C7E7

 00ACCB

 0091AF

 007795

 005E7B

 004662

 002F4A

 001A33

 00021E

 000000

 31C7E7

 31C7E7

 1AC3E7

 48CBE7

 03BFE7

 5FCFE7

 00BEE7

 76D3E7

 8DD7E7

 A5DBE7

 BCDFE7

 D3E3E7

 EAE7E7

 FFECE7

Harmonies

Analogous

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



3CCAC7



31C7E7



66C0FA

Triad

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



31C7E7



F09ECB



BDBA72

Complementary

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



31C7E7



E75131

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.



DEAE73



31C7E7



FC9CA7

Square

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



31C7E7



D0A8E9



F5A387



96C383

Rectangle

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



31C7E7



8DB9FD



F5A387



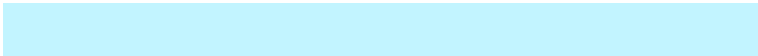
C9B670

Sweetspot

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



31C7E7



C2F4FF



31E74F



5B7980



000000



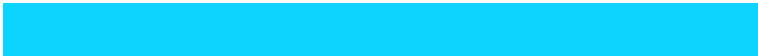
808080

Same Dimension

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



31C7E7



0DD4FF



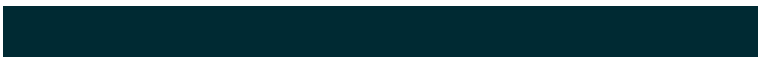
316EE7



677173



0093B3



002A33

Inverse Universe

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



E731C7



FF0DD4



E7AA31



736771



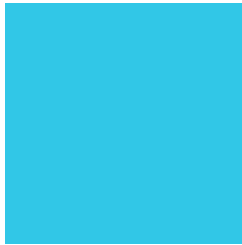
B30093



33002A

Previews

White Background



This preview shows how the Hex color 31C7E7 looks on a white background.

Color Contrast Check

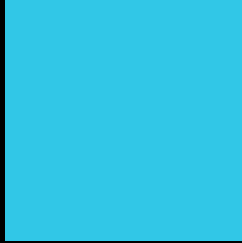
Large Text (above 18pt) WCAG AA × Fail

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 31C7E7 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 31C7E7 Background



This preview shows how black text looks on a background with the Hex color 31C7E7.

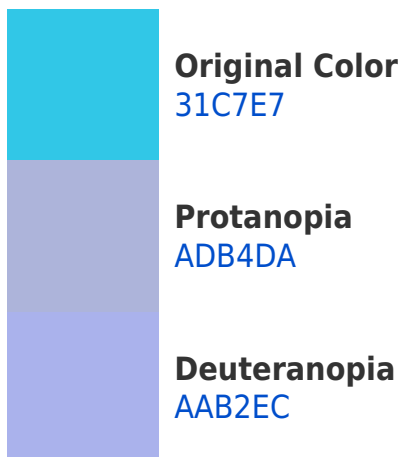


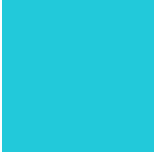
This preview shows how white text looks on a background with the Hex color 31C7E7.

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](#).

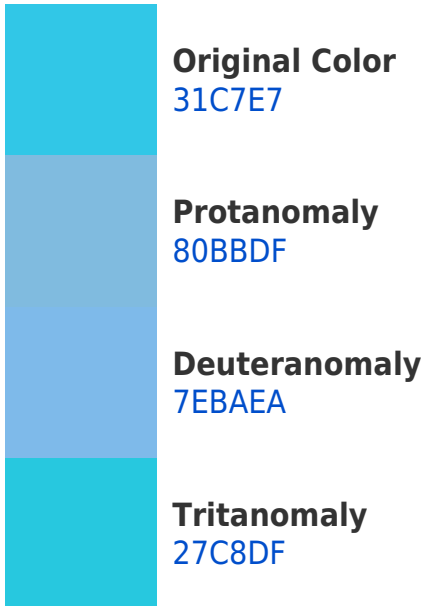
Dichromacy



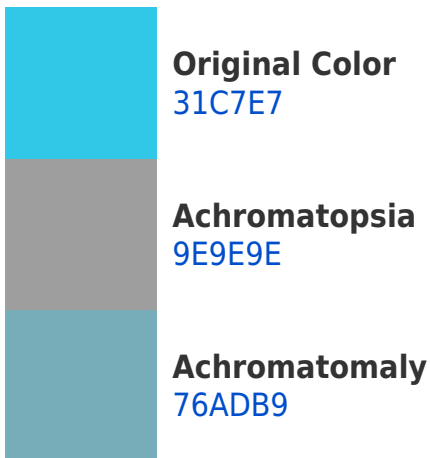


Tritanopia
22C9DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31C7E7 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 #31C7E7 looks like.

```
.text, #text, p{  
    color:#31C7E7  
}
```

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 #31C7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31C7E7
}
```

Border

The CSS property to change the border of an element to Hex 31C7E7 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
#31C7E7 }
```

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

```
.border{ border-color:#31C7E7 }
```

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

Here you see how a box with a 4 pixel #31C7E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31C7E7; -webkit-box-shadow:4px 4px  
4px 4px #31C7E7; box-shadow:4px 4px 4px  
4px #31C7E7 }
```

Background

The CSS property to change the background color of an element to Hex 31C7E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31C7E7 }
```

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

```
.background{ background-color:#31C7E7 }
```

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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