

Converting Colors

Hex(31D2AC)

Have a look what the booklet for
Hex(31D2AC) contains.

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Color

Hex(31D2AC)

Conversions

Conversions Part 1

Format	Color
Hex	31D2AC
RGB	49, 210, 172
RGB Percent	19%, 82%, 67%
CMY	0.8078, 0.1765, 0.3255
CMYK	0.77, 0.00, 0.18, 0.18
HSL	166°, 64%, 51%
HSV	166°, 77%, 82%
XYZ	31.7596, 49.7247, 46.9537
YIQ	157.5290, -83.7580, -45.9500

Conversions

Conversions Part 2

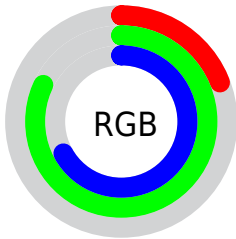
Format	Color
R_{YB}	49, 140, 210
Decimal	3265196
CIE _{Lab}	75.90, -49.16, 7.35
CIE _{LCh}	76, 49.704, 171.499
Yxy	49.7247, 0.2473, 0.3871
Android (android.graphics.Color)	4281455276 (0xFF31D2AC)
YUV	157.5290, 7.1342, -95.1799
Hunter-Lab	70.5158, -43.0079, 9.8822

Details

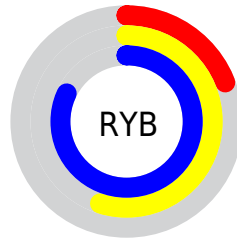
The Hex color **31D2AC** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D23157**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **78FFE3**, and **009A78** is the 20% darker color. If you saturate the color by 10%, you get **1CD2A7**, and if you desaturate by 10%, it is **46D2B1**.

Distribution



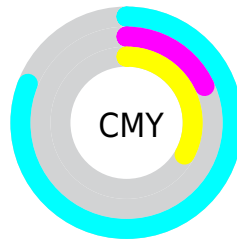
- Red (19%)
- Green (82%)
- Blue (67%)



- Red (19%)
- Yellow (55%)
- Blue (82%)



- Cyan (77%)
- Magenta (0%)
- Yellow (18%)
- Black (18%)



- Cyan (81%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31D2AC 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 31D2AC by changing the saturation by 10% instead.

 31D2AC

 31D2AC

FFFFFF

 00B691

 78FFE3

 009A78

 98FFFF

 00805F

 B6FFFF

 006647

 D5FFFF

 004C31

 F4FFFF

 00351C

 001D02

 000000

 31D2AC

 31D2AC

■ 1CD2A7

■ 46D2B1

■ 07D2A2

■ 5BD2B6

■ 00D2A0

■ 70D2BB

■ 85D2C0

■ 9AD2C5

■ AFD2CA

■ C4D2CF

■ D9D2D4

■ EED2D9

Harmonies

Analogous

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



81CD80



31D2AC



00D3DB

Triad

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



31D2AC



ABB4FF



FFA375

Complementary

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



31D2AC



D23157

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.



FF979C



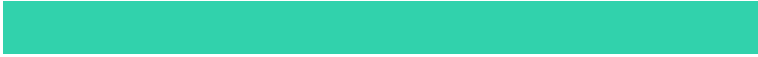
31D2AC



E8A3F5

Square

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



31D2AC



4EC4FF



FF97CA



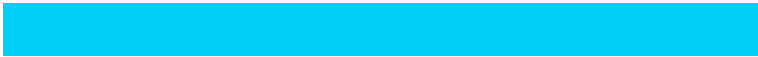
E3B45F

Rectangle

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



31D2AC



00D0F7



FF97CA



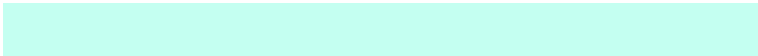
FF9F80

Sweetspot

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



31D2AC



C4FFF1



59D231



5C8077



000000



808080

Same Dimension

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



31D2AC



14FFC8



31AAD2



5E6966



00A881



00291F

Inverse Universe

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



D23157



FF144C



D25931



695E61



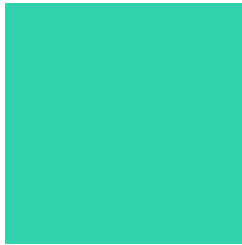
A80028



29000A

Previews

White Background



This preview shows how the Hex color 31D2AC looks on a white background.

Color Contrast Check

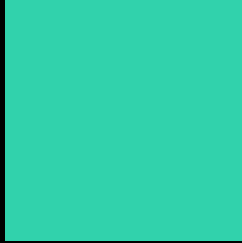
Large Text (above 18pt) WCAG AA × Fail

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 31D2AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

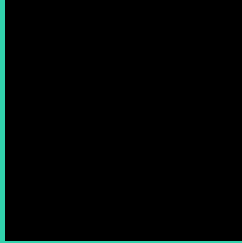
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

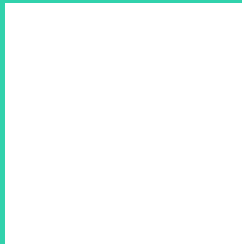
Any Text WCAG AAA ✓ Pass

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

Hex 31D2AC Background



This preview shows how black text looks on a background with the Hex color 31D2AC.



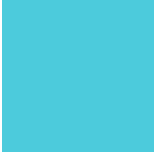
This preview shows how white text looks on a background with the Hex color 31D2AC.

Color Blindness Simulation

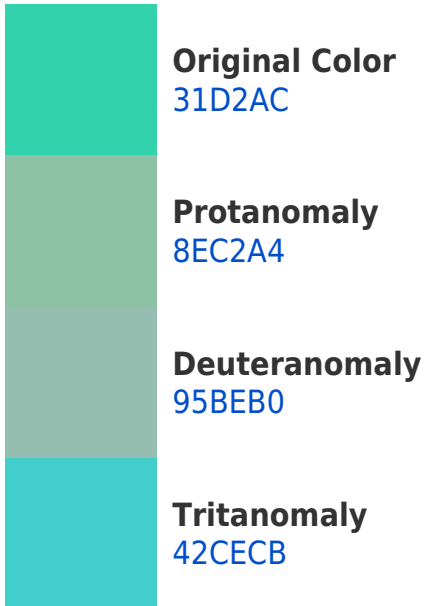
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

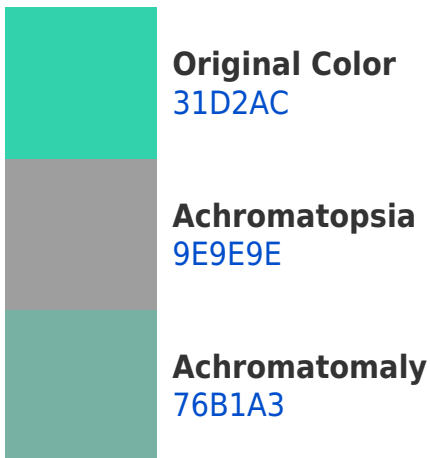




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31D2AC 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 #31D2AC looks like.

```
.text, #text, p{  
    color:#31D2AC  
}
```

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 #31D2AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D2AC
}
```

Border

The CSS property to change the border of an element to Hex 31D2AC 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
#31D2AC }
```

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

```
.border{ border-color:#31D2AC }
```

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

Here you see how a box with a 4 pixel #31D2AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D2AC; -webkit-box-shadow:4px 4px  
4px 4px #31D2AC; box-shadow:4px 4px 4px  
4px #31D2AC }
```

Background

The CSS property to change the background color of an element to Hex 31D2AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D2AC }
```

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

```
.background{ background-color:#31D2AC }
```

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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