

Converting Colors

Hex(31D3D3)

Have a look what the booklet for
Hex(31D3D3) contains.

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Color

Hex(31D3D3)

Conversions

Conversions Part 1

Format	Color
Hex	31D3D3
RGB	49, 211, 211
RGB Percent	19%, 83%, 83%
CMY	0.8078, 0.1725, 0.1725
CMYK	0.77, 0.00, 0.00, 0.17
HSL	180°, 65%, 51%
HSV	180°, 77%, 83%
XYZ	36.3188, 51.9446, 69.7401
YIQ	162.5620, -96.5520, -34.3440

Conversions

Conversions Part 2

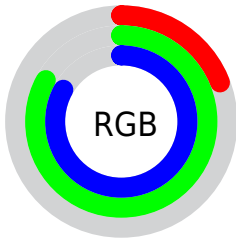
Format	Color
RYB	49, 130, 211
Decimal	3265491
CIELab	77.25, -39.10, -11.63
CIELCh	77, 40.794, 196.562
Yxy	51.9446, 0.2299, 0.3288
Android (android.graphics.Color)	4281455571 (0xFF31D3D3)
YUV	162.5620, 23.8799, -99.5939
Hunter-Lab	72.0726, -36.1776, -6.9203

Details

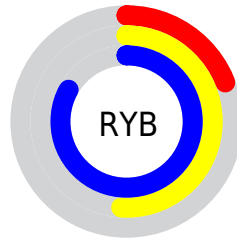
The Hex color **31D3D3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D33131**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **7BFFFF**, and **009C9D** is the 20% darker color. If you saturate the color by 10%, you get **1CD3D3**, and if you desaturate by 10%, it is **46D3D3**.

Distribution



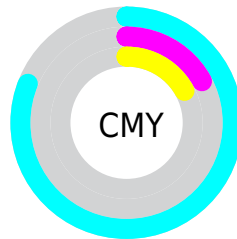
- Red (19%)
- Green (83%)
- Blue (83%)



- Red (19%)
- Yellow (51%)
- Blue (83%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (81%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31D3D3 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 31D3D3 by changing the saturation by 10% instead.

 31D3D3

 31D3D3

FFFFFF

 00B7B7

 7BFFFF

 009C9D

 9BFFFF

 008183

 BBFFFF

 006769

 DAFFFF

 004F51

 F9FFFF

 00373A

 002225

 000110

 000000

■ 31D3D3

■ 31D3D3

■ 1CD3D3

■ 46D3D3

■ 07D3D3

■ 5BD3D3

■ 00D3D3

■ 70D3D3

■ 85D3D3

■ 9BD3D3

■ B0D3D3

■ C5D3D3

■ DAD3D3

■ EFD3D3

Harmonies

Analogous

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



68D2AC



31D3D3



28D0F5

Triad

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



31D3D3



DDADF3



E7B775

Complementary

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



31D3D3



D33131

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.



FFAA8A



31D3D3



FEA3D1

Square

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



31D3D3



AABBFF



FFA2AB



C3C375

Rectangle

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



31D3D3



53CBFF



FFA2AB



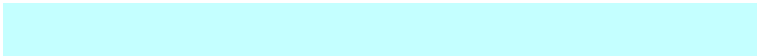
F1B27A

Sweetspot

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



31D3D3



C4FFFF



31D331



5C8080



000000



808080

Same Dimension

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



31D3D3



14FFFF



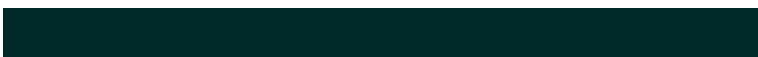
3182D3



5E6969



00A8A8



002929

Inverse Universe

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



D331D3



FF14FF



D38231



695E69



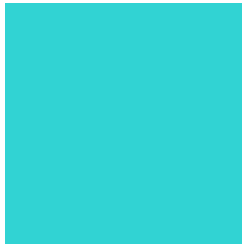
A800A8



290029

Previews

White Background



This preview shows how the Hex color 31D3D3 looks on a white background.

Color Contrast Check

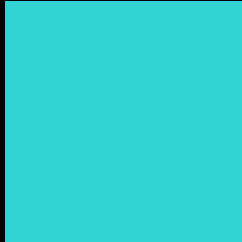
Large Text (above 18pt) WCAG AA × Fail

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 31D3D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

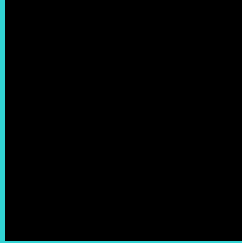
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

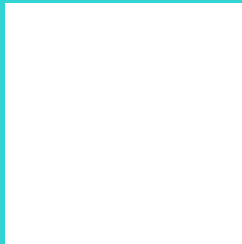
Any Text WCAG AAA ✓ Pass

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

Hex 31D3D3 Background



This preview shows how black text looks on a background with the Hex color 31D3D3.

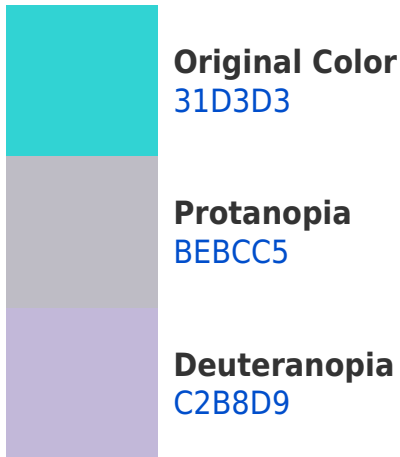


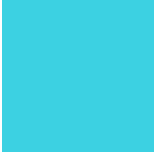
This preview shows how white text looks on a background with the Hex color 31D3D3.

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
3CD1E2

Trichromacy



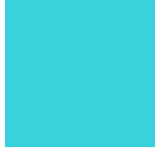
Original Color
31D3D3



Protanomaly
8BC4CA



Deuteranomaly
8DC2D7

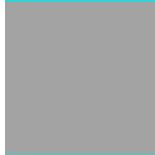


Tritanomaly
38D2DD

Monochromacy



Original Color
31D3D3



Achromatopsia
A3A3A3



Achromatomaly
7AB4B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 31D3D3 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 #31D3D3 looks like.

```
.text, #text, p{  
    color:#31D3D3  
}
```

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 #31D3D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D3D3
}
```

Border

The CSS property to change the border of an element to Hex 31D3D3 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
#31D3D3 }
```

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

```
.border{ border-color:#31D3D3 }
```

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

Here you see how a box with a 4 pixel #31D3D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D3D3; -webkit-box-shadow:4px 4px  
4px 4px #31D3D3; box-shadow:4px 4px 4px  
4px #31D3D3 }
```

Background

The CSS property to change the background color of an element to Hex 31D3D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D3D3 }
```

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

```
.background{ background-color:#31D3D3 }
```

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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