

Converting Colors

Hex(31D4DD)

Have a look what the booklet for
Hex(31D4DD) contains.

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Color

Hex(31D4DD)

Conversions

Conversions Part 1

Format	Color
Hex	31D4DD
RGB	49, 212, 221
RGB Percent	19%, 83%, 87%
CMY	0.8078, 0.1686, 0.1333
CMYK	0.78, 0.04, 0.00, 0.13
HSL	183°, 72%, 53%
HSV	183°, 78%, 87%
XYZ	37.8613, 52.9604, 76.6335
YIQ	164.2890, -100.0370, -31.7570

Conversions

Conversions Part 2

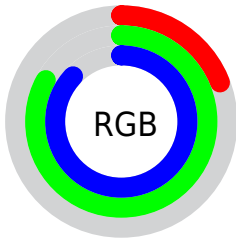
Format	Color
R _Y B	49, 133, 221
Decimal	3265757
CIE Lab	77.85, -36.64, -16.09
CIE LCh	78, 40.016, 203.708
Yxy	52.9604, 0.2261, 0.3163
Android (android.graphics.Color)	4281455837 (0xFF31D4DD)
YUV	164.2890, 27.9585, -101.1085
Hunter-Lab	72.7739, -34.4881, -11.4928

Details

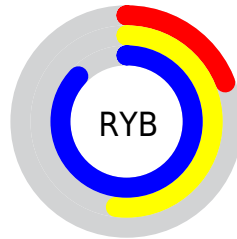
The Hex color **31D4DD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD3A31**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7DFFFF**, and **009DA6** is the 20% darker color. If you saturate the color by 10%, you get **1BD3DD**, and if you desaturate by 10%, it is **47D5DD**.

Distribution



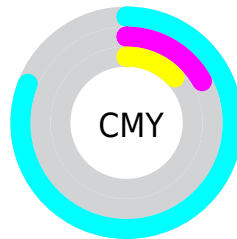
- Red (19%)
- Green (83%)
- Blue (87%)



- Red (19%)
- Yellow (52%)
- Blue (87%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (81%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31D4DD 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 31D4DD by changing the saturation by 10% instead.

 31D4DD

 31D4DD

FFFFFF

 00B8C1

 7DFFFF

 009DA6

 9DFFFF

 00828C

 BCFFFF

 006972

 DBFFFF

 00505A

 FBFFFF

 003842

 00242C

 000118

 000000

■ 31D4DD

■ 31D4DD

■ 1BD3DD

■ 47D5DD

■ 05D2DD

■ 5DD6DD

■ 00D1DD

■ 73D7DD

■ 89D9DD

■ 9FDADD

■ B6DBDD

■ CCDCDD

■ E2DDDD

■ F8DEDD

Harmonies

Analogous

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



60D4B7



31D4DD



40D0FB

Triad

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



31D4DD



E8ADED



E0BC76

Complementary

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



31D4DD



DD3A31

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.



FCAF86



31D4DD



FFA4CA

Square

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



31D4DD



BABAFF



FFA5A4



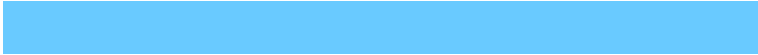
BBC77B

Rectangle

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



31D4DD



69CAFF



FFA5A4



EBB779

Sweetspot

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



31D4DD



C4FCFF



31DD3A



5C7E80



000000



808080

Same Dimension

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



31D4DD



12F3FF



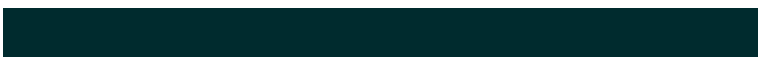
317EDD



636D6E



00A4AD



002B2E

Inverse Universe

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



DD31D4



FF12F3



DD9031



6E636D



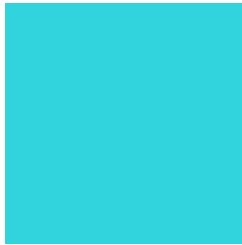
AD00A4



2E002B

Previews

White Background



This preview shows how the Hex color 31D4DD looks on a white background.

Color Contrast Check

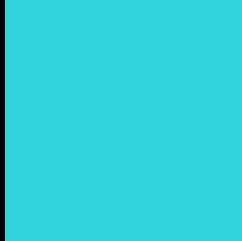
Large Text (above 18pt) WCAG AA × Fail

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 31D4DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

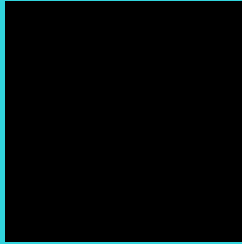
Any Text WCAG AA ✓ Pass

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 31D4DD Background



This preview shows how black text looks on a background with the Hex color 31D4DD.

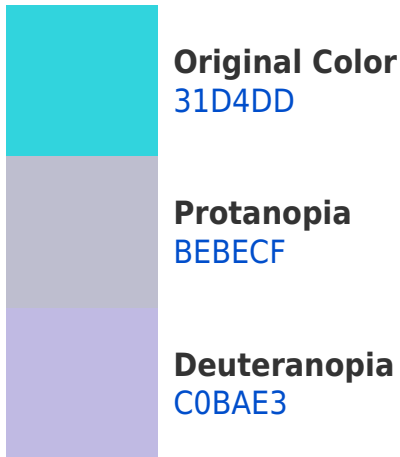


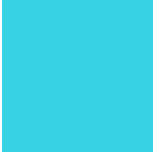
This preview shows how white text looks on a background with the Hex color 31D4DD.

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
37D3E4

Trichromacy



Original Color
31D4DD



Protanomaly
8BC6D4



Deuteranomaly
8CC3E1

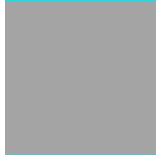


Tritanomaly
35D3E1

Monochromacy



Original Color
31D4DD



Achromatopsia
A4A4A4



Achromatomaly
7AB5B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 31D4DD 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 #31D4DD looks like.

```
.text, #text, p{  
    color:#31D4DD  
}
```

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 #31D4DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D4DD
}
```

Border

The CSS property to change the border of an element to Hex 31D4DD 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
#31D4DD }
```

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

```
.border{ border-color:#31D4DD }
```

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

Here you see how a box with a 4 pixel #31D4DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D4DD; -webkit-box-shadow:4px 4px  
4px 4px #31D4DD; box-shadow:4px 4px 4px  
4px #31D4DD }
```

Background

The CSS property to change the background color of an element to Hex 31D4DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D4DD }
```

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

```
.background{ background-color:#31D4DD }
```

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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