

Converting Colors

Hex(1DCDE4)

Have a look what the booklet for
Hex(1DCDE4) contains.

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Color

Hex(1DCDE4)

Conversions

Conversions Part 1

Format	Color
Hex	1DCDE4
RGB	29, 205, 228
RGB Percent	11%, 80%, 89%
CMY	0.8863, 0.1961, 0.1059
CMYK	0.87, 0.10, 0.00, 0.11
HSL	187°, 79%, 50%
HSV	187°, 87%, 89%
XYZ	36.3416, 49.5253, 81.0427
YIQ	154.9980, -112.2790, -30.1590

Conversions

Conversions Part 2

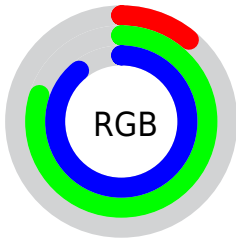
Format	Color
RYB	29, 122, 228
Decimal	1953252
CIELab	75.78, -32.69, -23.02
CIELCh	76, 39.976, 215.150
Yxy	49.5253, 0.2177, 0.2967
Android (android.graphics.Color)	4280143332 (0xFF1DCDE4)
YUV	154.9980, 35.9900, -110.5002
Hunter-Lab	70.3742, -30.9765, -19.0162

Details

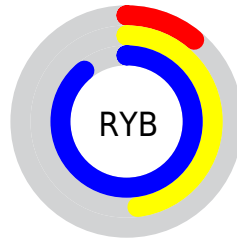
The Hex color **1DCDE4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E4341D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **74FFFF**, and **0096AD** is the 20% darker color. If you saturate the color by 10%, you get **06CAE4**, and if you desaturate by 10%, it is **34D0E4**.

Distribution



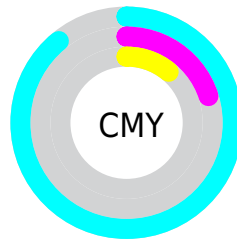
- Red (11%)
- Green (80%)
- Blue (89%)



- Red (11%)
- Yellow (48%)
- Blue (89%)



- Cyan (87%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DCDE4 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 1DCDE4 by changing the saturation by 10% instead.

 1DCDE4

 1DCDE4

FFFFFF

 00B1C8

 74FFFF

 0096AD

 95FFFF

 007C92

 B5FFFF

 006378

 D5FFFF

 004A5F

 F4FFFF

 003348

 001E31

 00021C

 000000

■ 1DCDE4

■ 1DCDE4

■ 06CAE4

■ 34D0E4

■ 00CAE4

■ 4BD2E4

■ 61D5E4

■ 78D8E4

■ 8FDAE4

■ A6DDE4

■ BDDFE4

■ D3E2E4

■ EAE5E4

Harmonies

Analogous

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



46CFC0



1DCDE4



4FC7FD

Triad

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



1DCDE4



EFA3DA



CDBB70

Complementary

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



1DCDE4



E4341D

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.



EDAE79



1DCDE4



FF9EB6

Square

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



1DCDE4



C7AFF7



FFA392



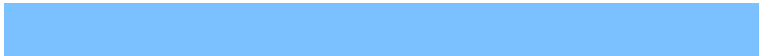
A5C57D

Rectangle

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



1DCDE4



7BC0FF



FFA392



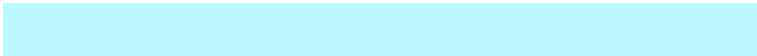
D9B671

Sweetspot

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



1DCDE4



BDF7FF



1DE431



587B80



000000



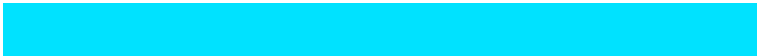
808080

Same Dimension

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



1DCDE4



00E2FF



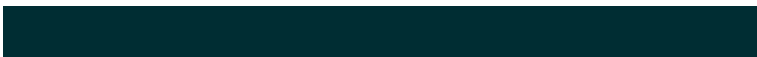
1D6DE4



677173



009EB3



002D33

Inverse Universe

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



E41DCD



FF00E2



E4941D



736771



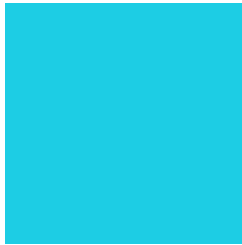
B3009E



33002D

Previews

White Background



This preview shows how the Hex color 1DCDE4 looks on a white background.

Color Contrast Check

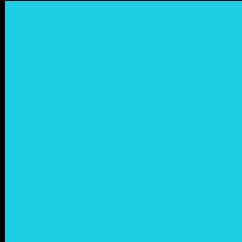
Large Text (above 18pt) WCAG AA × Fail

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 1DCDE4 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 1DCDE4 Background



This preview shows how black text looks on a background with the Hex color 1DCDE4.

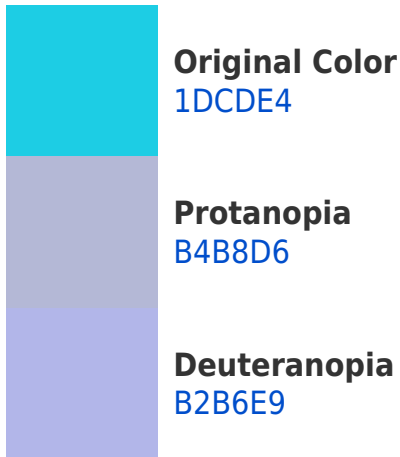


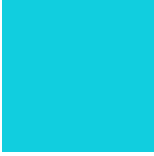
This preview shows how white text looks on a background with the Hex color 1DCDE4.

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

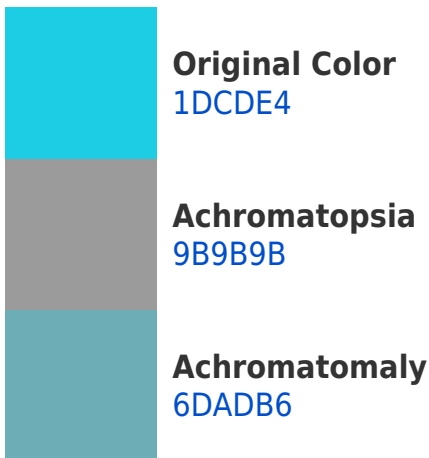




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DCDE4 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 #1DCDE4 looks like.

```
.text, #text, p{  
    color:#1DCDE4  
}
```

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 #1DCDE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DCDE4
}
```

Border

The CSS property to change the border of an element to Hex 1DCDE4 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
#1DCDE4 }
```

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

```
.border{ border-color:#1DCDE4 }
```

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

Here you see how a box with a 4 pixel #1DCDE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DCDE4; -webkit-box-shadow:4px 4px  
4px 4px #1DCDE4; box-shadow:4px 4px 4px  
4px #1DCDE4 }
```

Background

The CSS property to change the background color of an element to Hex 1DCDE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DCDE4 }
```

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

```
.background{ background-color:#1DCDE4 }
```

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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