

Converting Colors

Hex(2DC1E3)

Have a look what the booklet for
Hex(2DC1E3) contains.

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Color

Hex(2DC1E3)

Conversions

Conversions Part 1

Format	Color
Hex	2DC1E3
RGB	45, 193, 227
RGB Percent	18%, 76%, 89%
CMY	0.8235, 0.2431, 0.1098
CMYK	0.80, 0.15, 0.00, 0.11
HSL	191°, 76%, 53%
HSV	191°, 80%, 89%
XYZ	34.0173, 44.2439, 79.4201
YIQ	152.6240, -99.1220, -20.8020

Conversions

Conversions Part 2

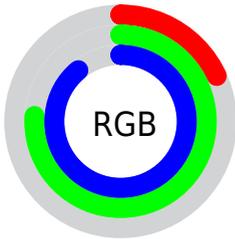
Format	Color
RYB	45, 127, 227
Decimal	2998755
CIELab	72.39, -26.00, -27.63
CIELCh	72, 37.943, 226.746
Yxy	44.2439, 0.2157, 0.2806
Android (android.graphics.Color)	4281188835 (0xFF2DC1E3)
YUV	152.6240, 36.6674, -94.3862
Hunter-Lab	66.5161, -25.1156, -24.2309

Details

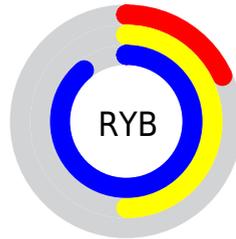
The Hex color **2DC1E3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E34F2D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **79FAFF**, and **008BAC** is the 20% darker color. If you saturate the color by 10%, you get **16BDE3**, and if you desaturate by 10%, it is **44C5E3**.

Distribution



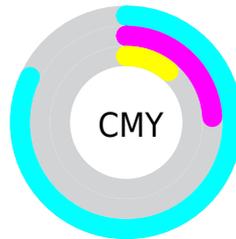
- Red (18%)
- Green (76%)
- Blue (89%)



- Red (18%)
- Yellow (50%)
- Blue (89%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (82%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DC1E3 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 2DC1E3 by changing the saturation by 10% instead.

 2DC1E3

 2DC1E3

FFFFFF

 00A6C7

 79FAFF

 008BAC

 99FFFF

 007191

 B9FFFF

 005977

 D8FFFF

 00415E

 F7FFFF

 002A46

 001230

 00011B

 000000

■ 2DC1E3

■ 2DC1E3

■ 16BDE3

■ 44C5E3

■ 00B9E3

■ 5AC9E3

■ 71CEE3

■ 88D2E3

■ 9FD6E3

■ B5DAE3

■ CCDFE3

■ E3E3E3

■ F9E7E3

Harmonies

Analogous

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



33C4C4



2DC1E3



65BAF4

Triad

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



2DC1E3



EC98C2



B5B66E

Complementary

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



2DC1E3



E34F2D

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.



D6AA6E



2DC1E3



F6979F

Square

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



2DC1E3



CEA2E1



ED9E80



8EBE81

Rectangle

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



2DC1E3



8DB2F6



ED9E80



C1B26C

Sweetspot

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



2DC1E3



C2F4FF



2DE34E



5B7980



000000



808080

Same Dimension

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



2DC1E3



0AD1FF



2D67E3



677173



0091B3



002933

Inverse Universe

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



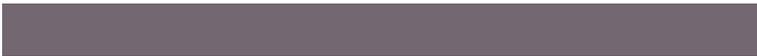
E32DC1



FF0AD1



E3A92D



736771



B30091



330029

Previews

White Background



This preview shows how the Hex color 2DC1E3 looks on a white background.

Color Contrast Check

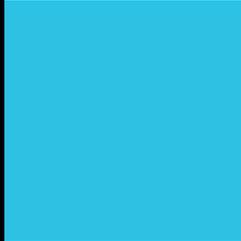
Large Text (above 18pt) WCAG AA × Fail

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 2DC1E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

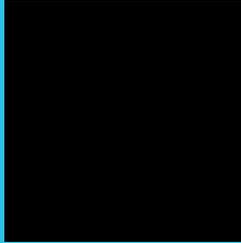
Any Text WCAG AA ✓ Pass

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 2DC1E3 Background



This preview shows how black text looks on a background with the Hex color 2DC1E3.

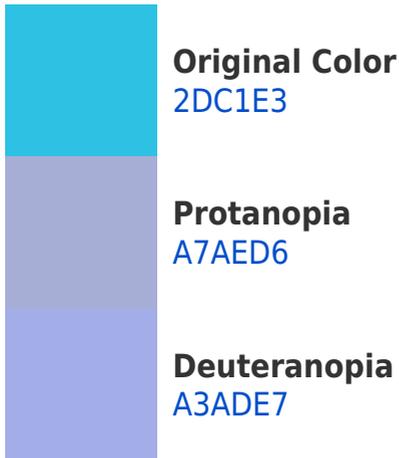


This preview shows how white text looks on a background with the Hex color 2DC1E3.

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
19C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DC1E3 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 #2DC1E3 looks like.

```
.text, #text, p{  
    color:#2DC1E3  
}
```

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 #2DC1E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC1E3
}
```

Border

The CSS property to change the border of an element to Hex 2DC1E3 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
#2DC1E3 }
```

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

```
.border{ border-color:#2DC1E3 }
```

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

Here you see how a box with a 4 pixel #2DC1E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC1E3; -webkit-box-shadow:4px 4px  
4px 4px #2DC1E3; box-shadow:4px 4px 4px  
4px #2DC1E3 }
```

Background

The CSS property to change the background color of an element to Hex 2DC1E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC1E3 }
```

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

```
.background{ background-color:#2DC1E3 }
```

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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