

Converting Colors

Hex(3DC1E3)

Have a look what the booklet for
Hex(3DC1E3) contains.

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Color

Hex(3DC1E3)

Conversions

Conversions Part 1

Format	Color
Hex	3DC1E3
RGB	61, 193, 227
RGB Percent	24%, 76%, 89%
CMY	0.7608, 0.2431, 0.1098
CMYK	0.73, 0.15, 0.00, 0.11
HSL	192°, 75%, 56%
HSV	192°, 73%, 89%
XYZ	34.8596, 44.6781, 79.4595
YIQ	157.4080, -89.5860, -17.4100

Conversions

Conversions Part 2

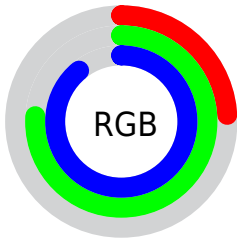
Format	Color
RYB	61, 135, 227
Decimal	4047331
CIELab	72.68, -24.34, -27.17
CIELCh	73, 36.474, 228.146
Yxy	44.6781, 0.2192, 0.2810
Android (android.graphics.Color)	4282237411 (0xFF3DC1E3)
YUV	157.4080, 34.3089, -84.5498
Hunter-Lab	66.8417, -23.8808, -23.6931

Details

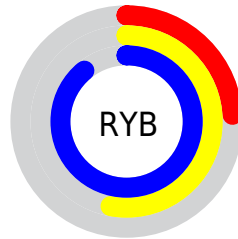
The Hex color **3DC1E3** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **E35F3D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **82FAFF**, and **008BAC** is the 20% darker color. If you saturate the color by 10%, you get **26BCE3**, and if you desaturate by 10%, it is **54C6E3**.

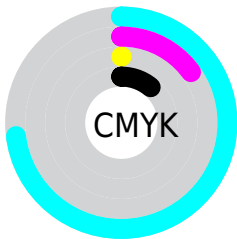
Distribution



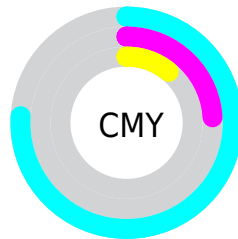
- Red (24%)
- Green (76%)
- Blue (89%)



- Red (24%)
- Yellow (53%)
- Blue (89%)



- Cyan (73%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (76%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC1E3 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 3DC1E3 by changing the saturation by 10% instead.

 3DC1E3

 3DC1E3

FFFFFF

 00A6C7

 82FAFF

 008BAC

 A1FFFF

 007291

 C0FFFF

 005977

 DFFFFF

 00415E

FEFFFF

 002B46

 001330

 00011B

 000000

■ 3DC1E3

■ 3DC1E3

■ 26BCE3

■ 54C6E3

■ 10B8E3

■ 6ACAE3

■ 00B5E3

■ 81CFE3

■ 98D4E3

■ AFD8E3

■ C5DDE3

■ DCE2E3

■ F3E6E3

■ FFE3E3

Harmonies

Analogous

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



3DC4C6



3DC1E3



6EBAF3

Triad

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



3DC1E3



EB9AC1



B4B772

Complementary

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



3DC1E3



E35F3D

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.



D5AC71



3DC1E3



F4999F

Square

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



3DC1E3



CFA3DF



EBA182



8EBF85

Rectangle

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



3DC1E3



92B2F4



EBA182



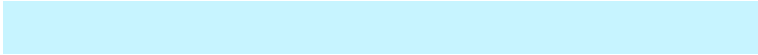
C0B370

Sweetspot

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



3DC1E3



C7F4FF



3DE35E



5E7980



000000



808080

Same Dimension

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



3DC1E3



1FD1FF



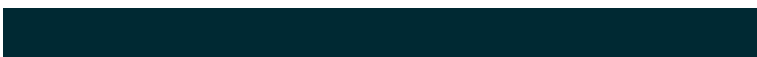
3D6FE3



677073



008EB3



002933

Inverse Universe

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



E33DC1



FF1FD1



E3B13D



736770



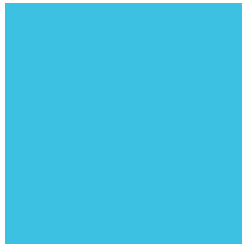
B3008E



330029

Previews

White Background



This preview shows how the Hex color 3DC1E3 looks on a white background.

Color Contrast Check

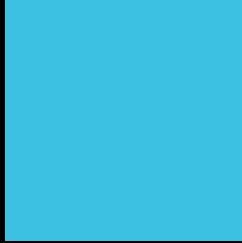
Large Text (above 18pt) WCAG AA × Fail

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 3DC1E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

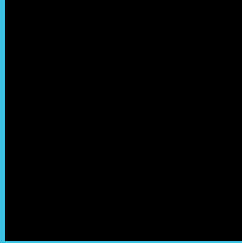
Any Text WCAG AA ✓ Pass

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 3DC1E3 Background



This preview shows how black text looks on a background with the Hex color 3DC1E3.

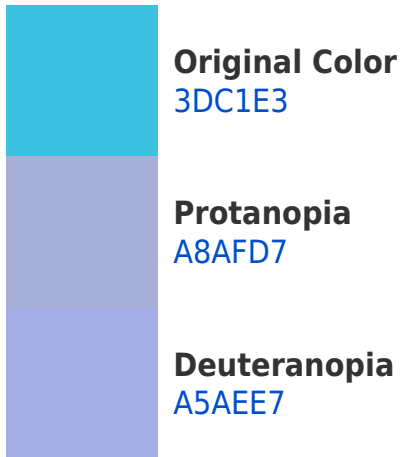


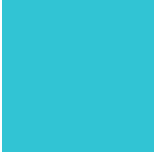
This preview shows how white text looks on a background with the Hex color 3DC1E3.

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](#).

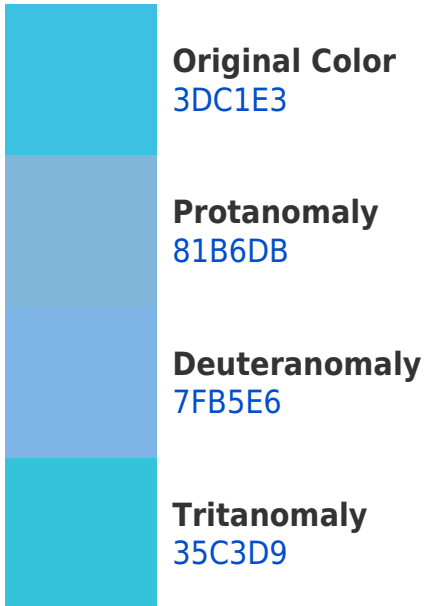
Dichromacy



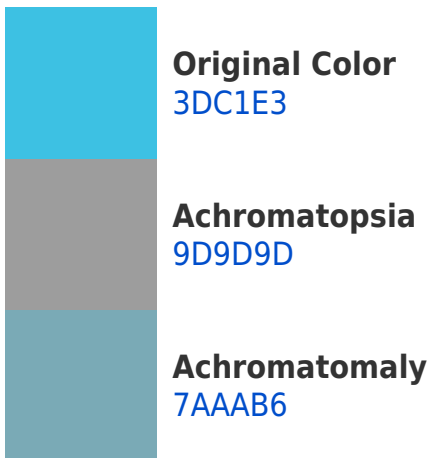


Tritanopia
31C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC1E3 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 #3DC1E3 looks like.

```
.text, #text, p{  
    color:#3DC1E3  
}
```

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 #3DC1E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC1E3
}
```

Border

The CSS property to change the border of an element to Hex 3DC1E3 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
#3DC1E3 }
```

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

```
.border{ border-color:#3DC1E3 }
```

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

Here you see how a box with a 4 pixel #3DC1E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC1E3; -webkit-box-shadow:4px 4px  
4px 4px #3DC1E3; box-shadow:4px 4px 4px  
4px #3DC1E3 }
```

Background

The CSS property to change the background color of an element to Hex 3DC1E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC1E3 }
```

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

```
.background{ background-color:#3DC1E3 }
```

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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