

Converting Colors

Hex(3CDDE1)

Have a look what the booklet for
Hex(3CDDE1) contains.

Hex(3CDDE1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3CDDE1)

Conversions

Conversions Part 1

Format	Color
Hex	3CDDE1
RGB	60, 221, 225
RGB Percent	24%, 87%, 88%
CMY	0.7647, 0.1333, 0.1176
CMYK	0.73, 0.02, 0.00, 0.12
HSL	181°, 73%, 56%
HSV	181°, 73%, 88%
XYZ	41.3105, 58.1098, 80.2732
YIQ	173.3170, -97.2400, -32.8880

Conversions

Conversions Part 2

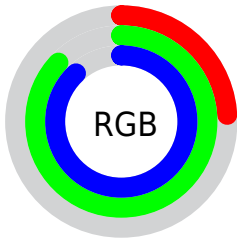
Format	Color
RYB	60, 141, 225
Decimal	3988961
CIELab	80.80, -38.50, -13.78
CIELCh	81, 40.890, 199.694
Yxy	58.1098, 0.2299, 0.3234
Android (android.graphics.Color)	4282179041 (0xFF3CDDE1)
YUV	173.3170, 25.4797, -99.3790
Hunter-Lab	76.2298, -36.6692, -9.0740

Details

The Hex color **3CDDE1** 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 **E1403C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **84FFFF**, and **00A5AA** is the 20% darker color. If you saturate the color by 10%, you get **26DCE1**, and if you desaturate by 10%, it is **53DEE1**.

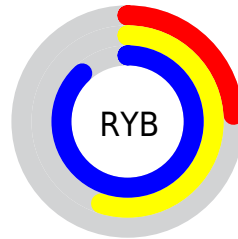
Distribution



Red (24%)

Green (87%)

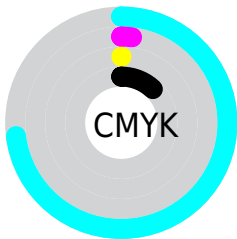
Blue (88%)



Red (24%)

Yellow (55%)

Blue (88%)

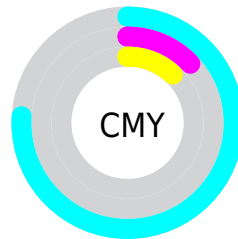


Cyan (73%)

Magenta (2%)

Yellow (0%)

Black (12%)



Cyan (76%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CDDE1 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 3CDDE1 by changing the saturation by 10% instead.

 3CDDE1

 3CDDE1

FFFFFF

 00C1C5

 84FFFF

 00A5AA

 A4FFFF

 008A8F

 C3FFFF

 007076

 E3FFFF

 00575D

 003F46

 00292F

 00071B

 000000

 3CDDE1

 3CDDE1

 26DCE1

 53DEE1

 0FDCE1

 69DEE1

 00DCE1

 7FDDE1

 96DFE1

 ADE0E1

 C3E0E1

 DAE1E1

 F0E1E1

 FFE2E1

Harmonies

Analogous

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



6CDCBA



3CDDE1



3FD9FF

Triad

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



3CDDE1



ECB6FA



EEC27D

Complementary

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



3CDDE1



E1403C

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.



FFB590



3CDDE1



FFACD7

Square

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



3CDDE1



BAC4FF



FFACB1



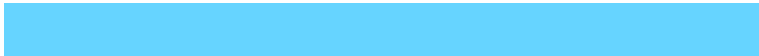
C9CE7F

Rectangle

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



3CDDE1



66D4FF



FFACB1



F8BD81

Sweetspot

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



3CDDE1



C7FEFF



3CE13F



5E7F80



000000



808080

Same Dimension

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



3CDDE1



1FFAFF



3C8CE1



657070



00ACB0



002F30

Inverse Universe

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



E13CDD



FF1FFA



E1913C



706570



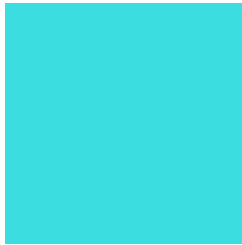
B000AC



30002F

Previews

White Background



This preview shows how the Hex color 3CDDE1 looks on a white background.

Color Contrast Check

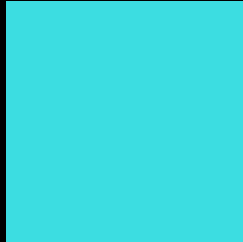
Large Text (above 18pt) WCAG AA × Fail

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 3CDDE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

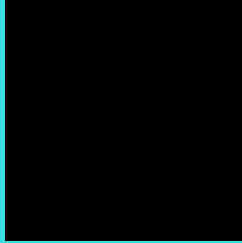
Any Text WCAG AA ✓ Pass

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 3CDDE1 Background



This preview shows how black text looks on a background with the Hex color 3CDDE1.

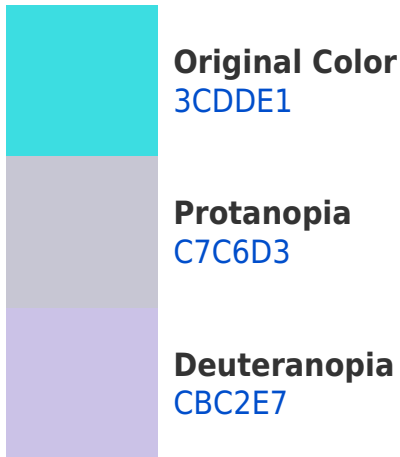


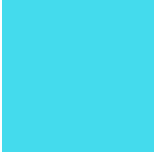
This preview shows how white text looks on a background with the Hex color 3CDDE1.

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
44DBED

Trichromacy



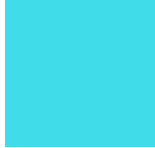
Original Color
3CDDE1



Protanomaly
94CED8



Deuteranomaly
97CCE5

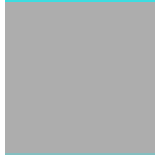


Tritanomaly
41DCE9

Monochromacy



Original Color
3CDDE1



Achromatopsia
ADADAD



Achromatomaly
84BEC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CDDE1 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 #3CDDE1 looks like.

```
.text, #text, p{  
    color:#3CDDE1  
}
```

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 #3CDDE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CDDE1
}
```

Border

The CSS property to change the border of an element to Hex 3CDDE1 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
#3CDDE1 }
```

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

```
.border{ border-color:#3CDDE1 }
```

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

Here you see how a box with a 4 pixel #3CDDE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CDDE1; -webkit-box-shadow:4px 4px  
4px 4px #3CDDE1; box-shadow:4px 4px 4px  
4px #3CDDE1 }
```

Background

The CSS property to change the background color of an element to Hex 3CDDE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CDDE1 }
```

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

```
.background{ background-color:#3CDDE1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor