

Converting Colors

Hex(33C1DE)

Have a look what the booklet for
Hex(33C1DE) contains.

Hex(33C1DE)	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(33C1DE)

Conversions

Conversions Part 1

Format	Color
Hex	33C1DE
RGB	51, 193, 222
RGB Percent	20%, 76%, 87%
CMY	0.8000, 0.2431, 0.1294
CMYK	0.77, 0.13, 0.00, 0.13
HSL	190°, 72%, 54%
HSV	190°, 77%, 87%
XYZ	33.6200, 44.1177, 75.8508
YIQ	153.8480, -93.9410, -21.0850

Conversions

Conversions Part 2

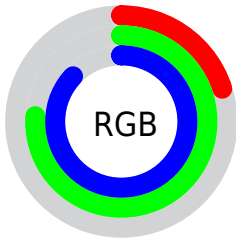
Format	Color
RYB	51, 129, 222
Decimal	3391966
CIELab	72.31, -27.03, -25.04
CIElCh	72, 36.843, 222.818
Yxy	44.1177, 0.2189, 0.2872
Android (android.graphics.Color)	4281582046 (0xFF33C1DE)
YUV	153.8480, 33.5989, -90.1977
Hunter-Lab	66.4211, -25.8866, -21.2125

Details

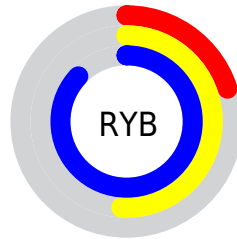
The Hex color **33C1DE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **DE5033**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7CFAFF**, and **008BA7** is the 20% darker color. If you saturate the color by 10%, you get **1DBDDE**, and if you desaturate by 10%, it is **49C5DE**.

Distribution



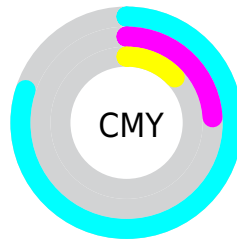
- Red (20%)
- Green (76%)
- Blue (87%)



- Red (20%)
- Yellow (51%)
- Blue (87%)



- Cyan (77%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (80%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33C1DE 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 33C1DE by changing the saturation by 10% instead.

 33C1DE

 33C1DE

FFFFFF

 00A6C2

 7CFAFF

 008BA7

 9BFFFF

 00718C

 BAFFFF

 005973

 D9FFFF

 00415A

 F8FFFF

 002A43

 00112C

 000117

 000000

■ 33C1DE

■ 33C1DE

■ 1DBDDE

■ 49C5DE

■ 07B9DE

■ 5FC9DE

■ 00B8DE

■ 76CCDE

■ 8CD0DE

■ A2D4DE

■ B8D8DE

■ CEDBDE

■ E5DFDE

■ FBE3DE

Harmonies

Analogous

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



40C4BF



33C1DE



61BAF1

Triad

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



33C1DE



E79AC6



BAB46F

Complementary

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



33C1DE



DE5033

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.



D9A971



33C1DE



F398A4

Square

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



33C1DE



C8A3E3



EE9E85



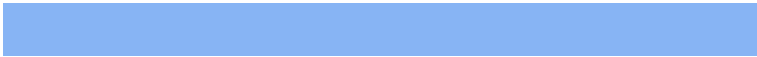
94BD7F

Rectangle

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



33C1DE



87B4F4



EE9E85



C5B06E

Sweetspot

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



33C1DE



C4F5FF



33DE4F



5C7980



000000



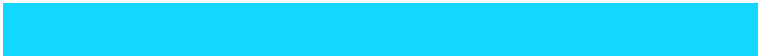
808080

Same Dimension

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



33C1DE



14D7FF



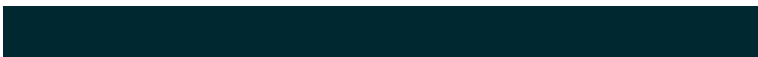
336CDE



656E70



0092B0



002830

Inverse Universe

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



DE33C1



FF14D7



DEA533



70656E



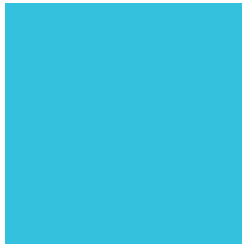
B00092



300028

Previews

White Background



This preview shows how the Hex color 33C1DE looks on a white background.

Color Contrast Check

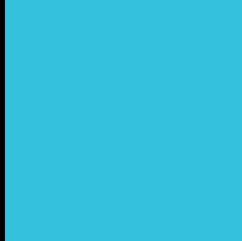
Large Text (above 18pt) WCAG AA × Fail

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 33C1DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

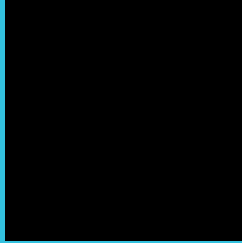
Any Text WCAG AA ✓ Pass

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 33C1DE Background



This preview shows how black text looks on a background with the Hex color 33C1DE.

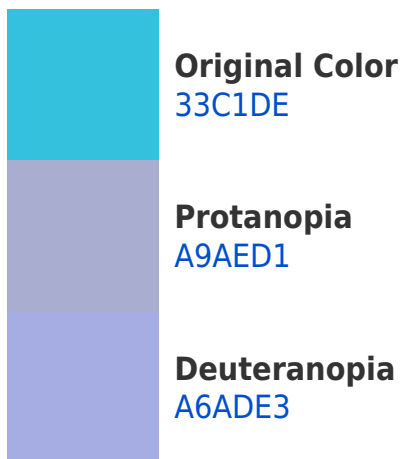


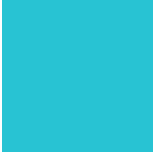
This preview shows how white text looks on a background with the Hex color 33C1DE.

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
28C3D3

Trichromacy



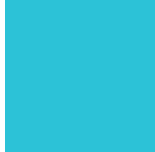
Original Color
33C1DE



Protanomaly
7EB5D6



Deuteranomaly
7CB4E1



Tritanomaly
2CC2D7

Monochromacy



Original Color
33C1DE



Achromatopsia
9A9A9A



Achromatomaly
75A8B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 33C1DE 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 #33C1DE looks like.

```
.text, #text, p{  
    color:#33C1DE  
}
```

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 #33C1DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33C1DE
}
```

Border

The CSS property to change the border of an element to Hex 33C1DE 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
#33C1DE }
```

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

```
.border{ border-color:#33C1DE }
```

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

Here you see how a box with a 4 pixel #33C1DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33C1DE; -webkit-box-shadow:4px 4px  
4px 4px #33C1DE; box-shadow:4px 4px 4px  
4px #33C1DE }
```

Background

The CSS property to change the background color of an element to Hex 33C1DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33C1DE }
```

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

```
.background{ background-color:#33C1DE }
```

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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