

Converting Colors

Hex(21C3DE)

Have a look what the booklet for
Hex(21C3DE) contains.

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Color

Hex(21C3DE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 21C3DE |
| RGB | 33, 195, 222 |
| RGB Percent | 13%, 76%, 87% |
| CMY | 0.8706, 0.2353, 0.1294 |
| CMYK | 0.85, 0.12, 0.00, 0.13 |
| HSL | 189°, 74%, 50% |
| HSV | 189°, 85%, 87% |
| XYZ | 33.3271, 44.6275, 75.9647 |
| YIQ | 149.6400, -105.2190, -25.9470 |

Conversions

Conversions Part 2

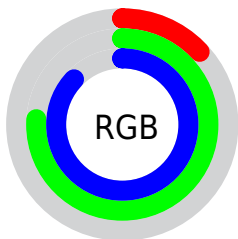
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 33, 120, 222 |
| Decimal | 2212830 |
| CIE Lab | 72.65, -29.52, -24.55 |
| CIE LCh | 73, 38.388, 219.748 |
| Yxy | 44.6275, 0.2165, 0.2899 |
| Android (android.graphics.Color) | 4280402910 (0xFF21C3DE) |
| YUV | 149.6400, 35.6735, -102.2933 |
| Hunter-Lab | 66.8038, -27.8564, -20.6579 |

Details

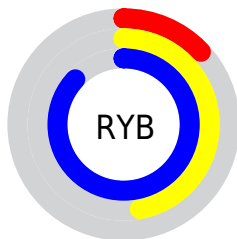
The Hex color **21C3DE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **DE3C21**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **74FCFF**, and **008DA7** is the 20% darker color. If you saturate the color by 10%, you get **0BC0DE**, and if you desaturate by 10%, it is **37C6DE**.

Distribution



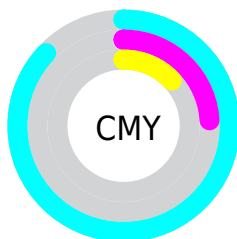
- Red (13%)
- Green (76%)
- Blue (87%)



- Red (13%)
- Yellow (47%)
- Blue (87%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21C3DE 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 21C3DE by changing the saturation by 10% instead.

 21C3DE

 21C3DE

FFFFFF

 00A8C2

 74FCFF

 008DA7

 94FFFF

 00738C

 B4FFFF

 005A73

 D3FFFF

 00425A

 F2FFFF

 002B43

 00132C

 000117

 000000

■ 21C3DE

■ 21C3DE

■ 0BC0DE

■ 37C6DE

■ 00BEDE

■ 4DC9DE

■ 64CDDE

■ 7AD0DE

■ 90D3DE

■ A6D6DE

■ BCD9DE

■ D3DCDE

■ E9E0DE

Harmonies

Analogous

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



3CC5BD



21C3DE



56BCF3

Triad

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



21C3DE



E89ACB



BEB46C

Complementary

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



21C3DE



DE3C21

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.



DEA871



21C3DE



F797A8

Square

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



21C3DE



C5A5E8



F29D87



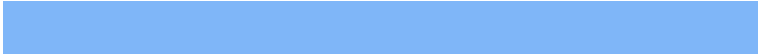
98BD7B

Rectangle

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



21C3DE



7FB6F8



F29D87



CAB06B

Sweetspot

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



21C3DE



BDF6FF



21DE3A



587A80



000000



808080

Same Dimension

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



21C3DE



00DBFF



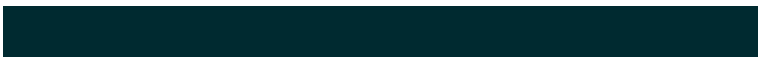
2166DE



656F70



0097B0



002A30

Inverse Universe

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



DE21C3



FF00DB



DE9921



70656F



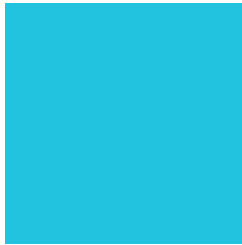
B00097



30002A

Previews

White Background



This preview shows how the Hex color 21C3DE looks on a white background.

Color Contrast Check

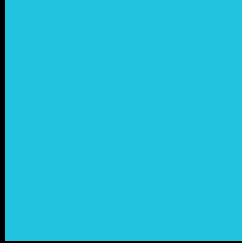
Large Text (above 18pt) WCAG AA × Fail

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 21C3DE 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 21C3DE Background



This preview shows how black text looks on a background with the Hex color 21C3DE.

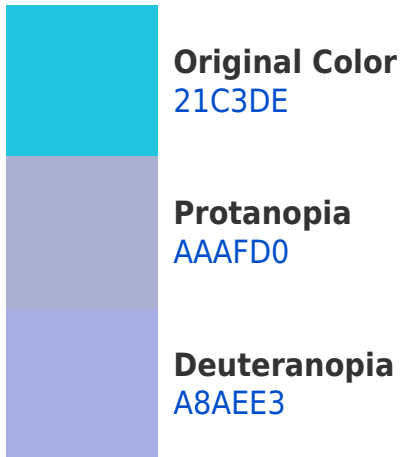


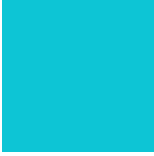
This preview shows how white text looks on a background with the Hex color 21C3DE.

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

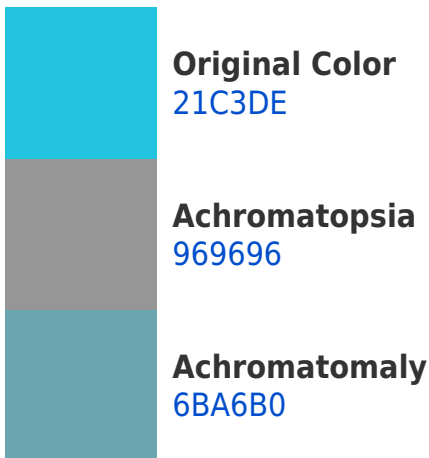




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21C3DE 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 #21C3DE looks like.

```
.text, #text, p{  
    color:#21C3DE  
}
```

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 #21C3DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21C3DE
}
```

Border

The CSS property to change the border of an element to Hex 21C3DE 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
#21C3DE }
```

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

```
.border{ border-color:#21C3DE }
```

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

Here you see how a box with a 4 pixel #21C3DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21C3DE; -webkit-box-shadow:4px 4px  
4px 4px #21C3DE; box-shadow:4px 4px 4px  
4px #21C3DE }
```

Background

The CSS property to change the background color of an element to Hex 21C3DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21C3DE }
```

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

```
.background{ background-color:#21C3DE }
```

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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