

Converting Colors

Hex(21D0E1)

Have a look what the booklet for
Hex(21D0E1) contains.

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Color

Hex(21D0E1)

Conversions

Conversions Part 1

Format	Color
Hex	21D0E1
RGB	33, 208, 225
RGB Percent	13%, 82%, 88%
CMY	0.8706, 0.1843, 0.1176
CMYK	0.85, 0.08, 0.00, 0.12
HSL	185°, 76%, 51%
HSV	185°, 85%, 88%
XYZ	36.7737, 50.8713, 79.1151
YIQ	157.6130, -109.7570, -31.8130

Conversions

Conversions Part 2

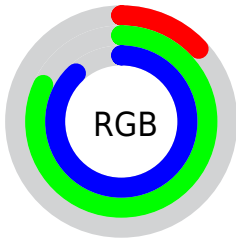
Format	Color
RYB	33, 125, 225
Decimal	2216161
CIELab	76.60, -34.81, -20.15
CIELCh	77, 40.215, 210.063
Yxy	50.8713, 0.2205, 0.3051
Android (android.graphics.Color)	4280406241 (0xFF21D0E1)
YUV	157.6130, 33.2218, -109.2856
Hunter-Lab	71.3241, -32.7853, -15.8396

Details

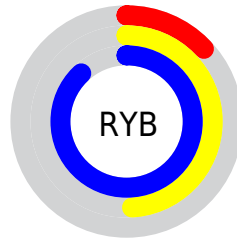
The Hex color **21D0E1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E13221**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **76FFFF**, and **0099AA** is the 20% darker color. If you saturate the color by 10%, you get **0ACEE1**, and if you desaturate by 10%, it is **37D2E1**.

Distribution



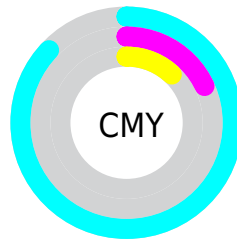
- Red (13%)
- Green (82%)
- Blue (88%)



- Red (13%)
- Yellow (49%)
- Blue (88%)



- Cyan (85%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (87%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21D0E1 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 21D0E1 by changing the saturation by 10% instead.

 21D0E1

 21D0E1

FFFFFF

 00B4C5

 76FFFF

 0099AA

 96FFFF

 007F8F

 B6FFFF

 006576

 D6FFFF

 004D5D

 F5FFFF

 003545

 00212F

 00011A

 000000

■ 21D0E1

■ 21D0E1

■ 0ACEE1

■ 37D2E1

■ 00CDE1

■ 4ED4E1

■ 64D6E1

■ 7BD8E1

■ 91DAE1

■ A8DCE1

■ BEDEE1

■ D5E0E1

■ EBE2E1

Harmonies

Analogous

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



50D1BC



21D0E1



46CBFD

Triad

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



21D0E1



ECA7E3



D5BB72

Complementary

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



21D0E1



E13221

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.



F4AE7E



21D0E1



FFA0BE

Square

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



21D0E1



C1B3FD



FFA39A



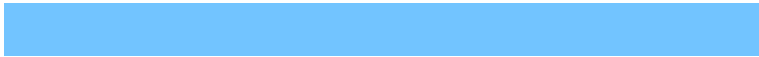
AFC67B

Rectangle

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



21D0E1



72C4FF



FFA39A



E1B774

Sweetspot

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



21D0E1



BDF9FF



21E131



587C80



000000



808080

Same Dimension

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



21D0E1



00E8FF



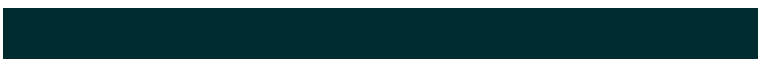
2171E1



656F70



00A0B0



002C30

Inverse Universe

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



E121D0



FF00E8



E19121



70656F



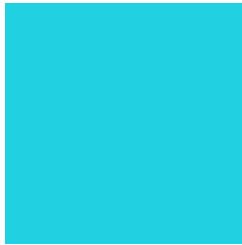
B000A0



30002C

Previews

White Background



This preview shows how the Hex color 21D0E1 looks on a white background.

Color Contrast Check

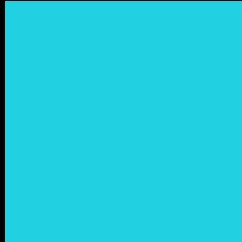
Large Text (above 18pt) WCAG AA × Fail

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 21D0E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

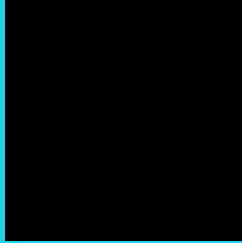
Any Text WCAG AA ✓ Pass

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 21D0E1 Background



This preview shows how black text looks on a background with the Hex color 21D0E1.

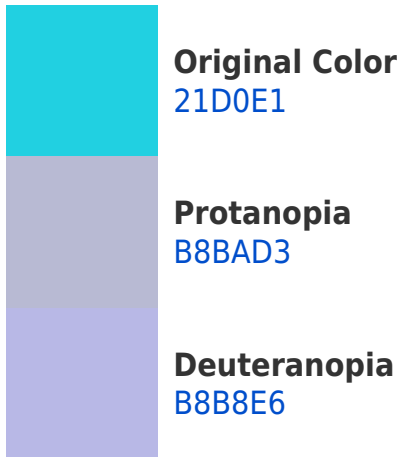


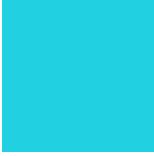
This preview shows how white text looks on a background with the Hex color 21D0E1.

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](#).

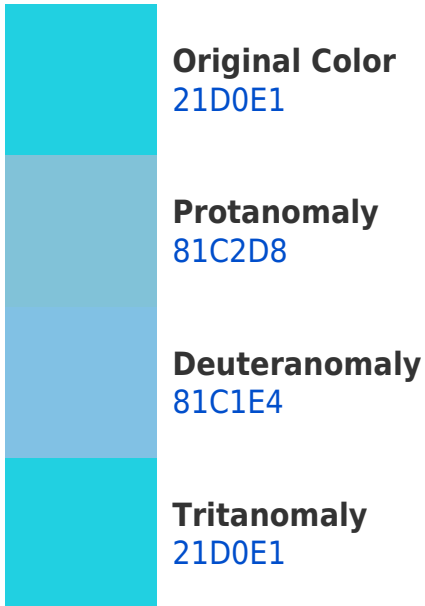
Dichromacy





Tritanopia
21D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21D0E1 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 #21D0E1 looks like.

```
.text, #text, p{  
    color:#21D0E1  
}
```

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 #21D0E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21D0E1
}
```

Border

The CSS property to change the border of an element to Hex 21D0E1 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
#21D0E1 }
```

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

```
.border{ border-color:#21D0E1 }
```

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

Here you see how a box with a 4 pixel #21D0E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21D0E1; -webkit-box-shadow:4px 4px  
4px 4px #21D0E1; box-shadow:4px 4px 4px  
4px #21D0E1 }
```

Background

The CSS property to change the background color of an element to Hex 21D0E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21D0E1 }
```

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

```
.background{ background-color:#21D0E1 }
```

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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