

Converting Colors

Hex(21D3C7)

Have a look what the booklet for
Hex(21D3C7) contains.

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Color

Hex(21D3C7)

Conversions

Conversions Part 1

Format	Color
Hex	21D3C7
RGB	33, 211, 199
RGB Percent	13%, 83%, 78%
CMY	0.8706, 0.1725, 0.2196
CMYK	0.84, 0.00, 0.06, 0.17
HSL	176°, 73%, 48%
HSV	176°, 84%, 83%
XYZ	34.2303, 51.0354, 62.0795
YIQ	156.4100, -102.2360, -41.4680

Conversions

Conversions Part 2

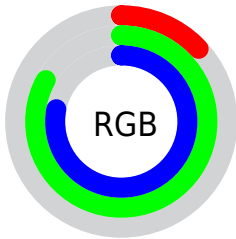
Format	Color
RYB	33, 125, 211
Decimal	2216903
CIELab	76.70, -43.84, -6.01
CIELCh	77, 44.246, 187.811
Yxy	51.0354, 0.2323, 0.3464
Android (android.graphics.Color)	4280406983 (0xFF21D3C7)
YUV	156.4100, 20.9969, -108.2306
Hunter-Lab	71.4391, -39.4895, -1.5148

Details

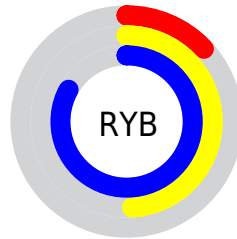
The Hex color **21D3C7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D3212D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **73FFFF**, and **009C91** is the 20% darker color. If you saturate the color by 10%, you get **0CD3C6**, and if you desaturate by 10%, it is **36D3C8**.

Distribution



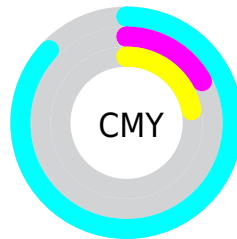
- Red (13%)
- Green (83%)
- Blue (78%)



- Red (13%)
- Yellow (49%)
- Blue (83%)



- Cyan (84%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (87%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21D3C7 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 21D3C7 by changing the saturation by 10% instead.

 21D3C7

 21D3C7

FFFFFF

 00B7AC


 73FFFF

 009C91

 93FFFF

 008178

 B3FFFF

 00675F

 D2FFFF


 004E47

 F1FFFF

 003631

 00201C

 000001

 000000

■ 21D3C7

■ 21D3C7

■ 0CD3C6

■ 36D3C8

■ 00D3C5

■ 4BD3CA

■ 60D3CB

■ 75D3CD

■ 8BD3CE

■ A0D3D0

■ B5D3D1

■ CAD3D2

■ DFD3D4

Harmonies

Analogous

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



6DD09D



21D3C7



00D1EE

Triad

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



21D3C7



D0AFFE



F1B072

Complementary

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



21D3C7



D3212D

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.



FFA38D



21D3C7



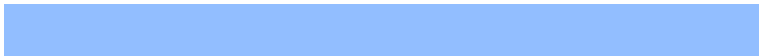
F9A1DD

Square

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



21D3C7



92BEFF



FF9DB4



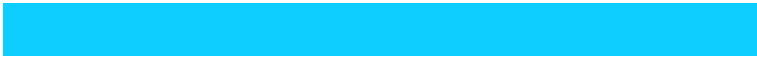
CDBE6B

Rectangle

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



21D3C7



0ECDFE



FF9DB4



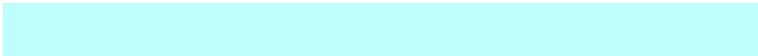
FAAB79

Sweetspot

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



21D3C7



BFFFFB



30D321



59807D



000000



808080

Same Dimension

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



21D3C7



00FFEE



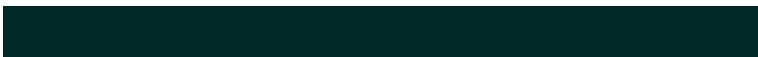
2189D3



5E6968



00A89D



002926

Inverse Universe

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



D3212D



FF0011



D36B21



695E5F



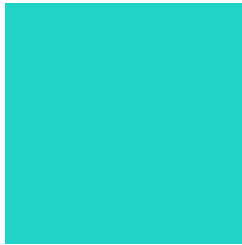
A8000B



290003

Previews

White Background



This preview shows how the Hex color 21D3C7 looks on a white background.

Color Contrast Check

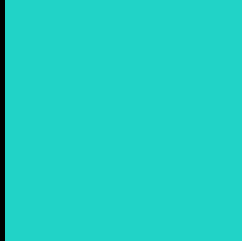
Large Text (above 18pt) WCAG AA × Fail

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 21D3C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

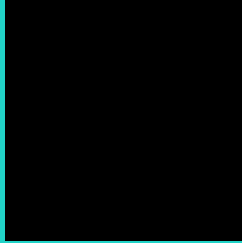
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

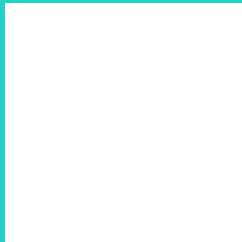
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 21D3C7 Background



This preview shows how black text looks on a background with the Hex color 21D3C7.

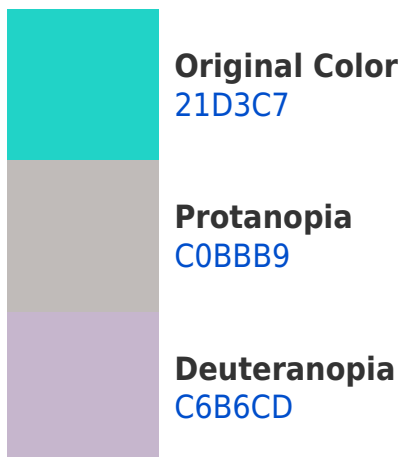


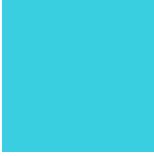
This preview shows how white text looks on a background with the Hex color 21D3C7.

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
39CFE0

Trichromacy



Original Color
21D3C7



Protanomaly
86C4BE



Deuteranomaly
8AC1CB



Tritanomaly
30D0D7

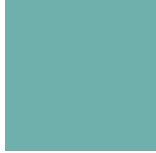
Monochromacy



Original Color
21D3C7



Achromatopsia
9C9C9C



Achromatomaly
6FB0AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 21D3C7 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 #21D3C7 looks like.

```
.text, #text, p{  
    color:#21D3C7  
}
```

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 #21D3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21D3C7
}
```

Border

The CSS property to change the border of an element to Hex 21D3C7 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
#21D3C7 }
```

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

```
.border{ border-color:#21D3C7 }
```

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

Here you see how a box with a 4 pixel #21D3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21D3C7; -webkit-box-shadow:4px 4px  
4px 4px #21D3C7; box-shadow:4px 4px 4px  
4px #21D3C7 }
```

Background

The CSS property to change the background color of an element to Hex 21D3C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21D3C7 }
```

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

```
.background{ background-color:#21D3C7 }
```

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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