

# Converting Colors

Hex(21DBC0)

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

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# Color

**Hex(21DBC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21DBCD
RGB	33, 219, 205
RGB Percent	13%, 86%, 80%
CMY	0.8706, 0.1412, 0.1961
CMYK	0.85, 0.00, 0.06, 0.14
HSL	175°, 74%, 49%
HSV	175°, 85%, 86%
XYZ	36.9782, 55.3941, 66.5008
YIQ	161.7900, -106.3620, -43.7860

# Conversions

## Conversions Part 2

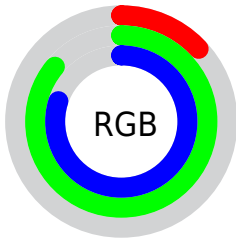
Format	Color
<a href="#">RYB</a>	<a href="#">33, 130, 219</a>
Decimal	<a href="#">2218957</a>
CIELab	<a href="#">79.27, -45.63, -5.43</a>
CIELCh	<a href="#">79, 45.949, 186.791</a>
Yxy	<a href="#">55.3941, 0.2328, 0.3487</a>
Android (android.graphics.Color)	<a href="#">4280409037</a> ( <a href="#">0xFF21DBCD</a> )
YUV	<a href="#">161.7900, 21.3025, -112.9488</a>
Hunter-Lab	<a href="#">74.4272, -41.5624, -0.8766</a>

# Details

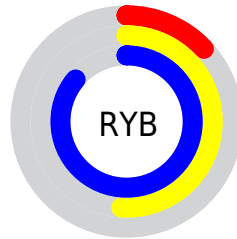
The Hex color **21DBCD** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DB212F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **75FFFF**, and **00A397** is the 20% darker color. If you saturate the color by 10%, you get **0BDBC8**, and if you desaturate by 10%, it is **37DBC8**.

# Distribution



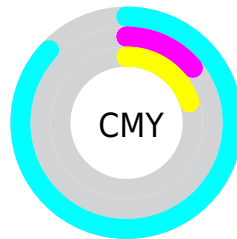
- Red (13%)
- Green (86%)
- Blue (80%)



- Red (13%)
- Yellow (51%)
- Blue (86%)



- Cyan (85%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (87%)
- Magenta (14%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 21DBCD

 21DBCD

FFFFFF

 00BFB2

 75FFFF

 00A397

 96FFFF

 00887D

 B5FFFF

 006E64

 D5FFFF

 00554C

 F4FFFF

 003C36

 002720

 00000A

 000000

■ 21DBCD

■ 21DBCD

■ 0BDBCB

■ 37DBCF

■ 00DBCB

■ 4DDBD0

■ 63DBD2

■ 79DBD4

■ 8EDBD5

■ A4DBD7

■ BADBD9

■ D0DBDA

■ E6DBDC

# Harmonies

## Analogous

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



72D8A1



21DBCD



00D9F6

# Triad

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



21DBCD



D6B6FF



FBB676

# Complementary

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



21DBCD



DB212F

# 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.



FFA893



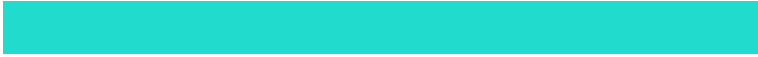
21DBCD



FFA8E7

# Square

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



21DBCD



94C5FF



FFA2BC



D6C56E

# Rectangle

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



21DBCD



00D5FF



FFA2BC



FFB17E

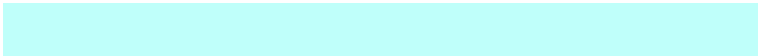


# Sweetspot

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



21DBCD



BFFFFA



31DB21



59807D



000000



808080



# Same Dimension

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



21DBCD



00FFEC



218EDB



636E6D



00ADA0



002E2A



# Inverse Universe

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



DB212F



FF0013



DB6E21



6E6364



AD000D

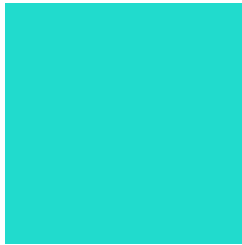


2E0003



# Previews

## White Background



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

## Color Contrast Check

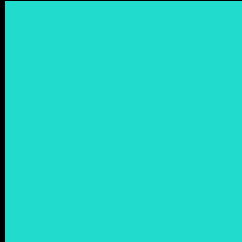
Large Text (above 18pt) WCAG AA × Fail

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 21DBCD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

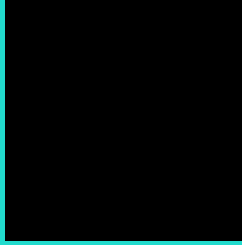
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

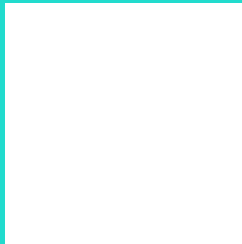
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 21DBCD Background



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

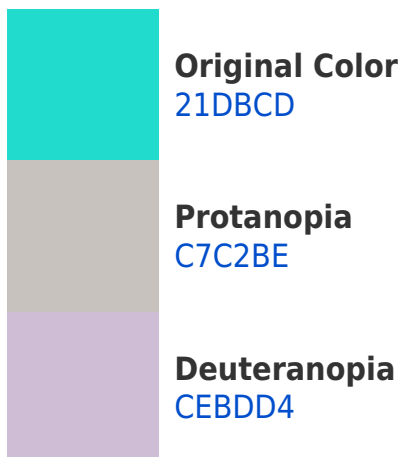


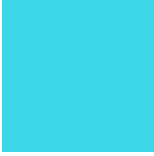
This preview shows how white text looks on a background with the Hex color 21DBCD.

# 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](#).

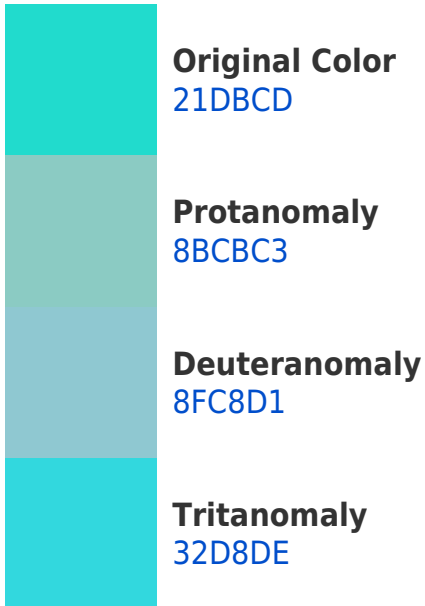
## Dichromacy





**Tritanopia**  
3BD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #21DBCD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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