

Converting Colors

Hex(21DDC3)

Have a look what the booklet for
Hex(21DDC3) contains.

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Color

Hex(21DDC3)

Conversions

Conversions Part 1

Format	Color
Hex	21DDC3
RGB	33, 221, 195
RGB Percent	13%, 87%, 76%
CMY	0.8706, 0.1333, 0.2353
CMYK	0.85, 0.00, 0.12, 0.13
HSL	172°, 74%, 50%
HSV	172°, 85%, 87%
XYZ	36.3340, 55.9764, 60.5193
YIQ	161.8240, -103.7020, -47.9420

Conversions

Conversions Part 2

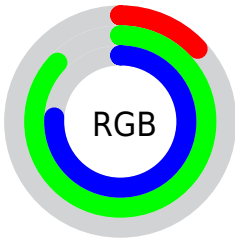
Format	Color
RYB	33, 134, 221
Decimal	2219459
CIELab	79.60, -49.19, 0.39
CIELCh	80, 49.193, 179.548
Yxy	55.9764, 0.2377, 0.3663
Android (android.graphics.Color)	4280409539 (0xFF21DDC3)
YUV	161.8240, 16.3558, -112.9786
Hunter-Lab	74.8174, -44.2444, 4.4128

Details

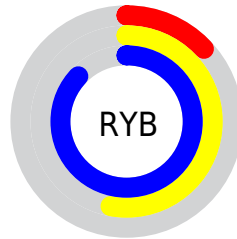
The Hex color **21DDC3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light washed cyan. A complement of this color would be **DD213B**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **74FFFB**, and **00A58D** is the 20% darker color. If you saturate the color by 10%, you get **0BDDC0**, and if you desaturate by 10%, it is **37DDC6**.

Distribution



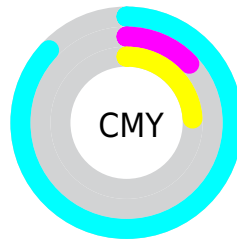
- Red (13%)
- Green (87%)
- Blue (76%)



- Red (13%)
- Yellow (53%)
- Blue (87%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 21DDC3 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 21DDC3 by changing the saturation by 10% instead.

 21DDC3

 21DDC3

FFFFFF

 00C1A8

 74FFFB

 00A58D

 95FFFF

 008A74

 B5FFFF

 00705B

 D4FFFF

 005644

 F4FFFF

 003D2E

 002719

 000000

 21DDC3

 21DDC3

0BDDC0

37DDC6

00DDBE

4DDDC9

63DDCC

79DDCF

90DDD2

A6DDD5

BCDDD8

D2DDDB

E8DDDF

Harmonies

Analogous

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



7BD995



21DDC3



00DCF1

Triad

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



21DDC3



C8BAFF



FFB277

Complementary

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



21DDC3



DD213B

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.



FFA49A



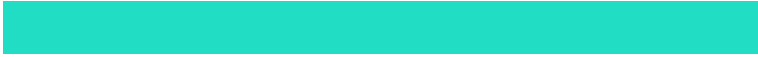
21DDC3



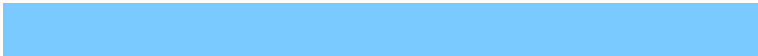
FEA9F4

Square

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



21DDC3



7ACAFF



FFA0C8



E2C268

Rectangle

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



21DDC3



00D9FF



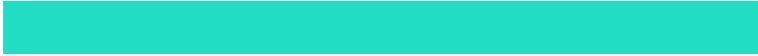
FFA0C8



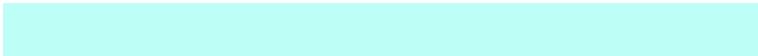
FFAD81

Sweetspot

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



21DDC3



BDFFF6



3DDD21



58807A



000000



808080

Same Dimension

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



21DDC3



00FFDC



219BDD



636E6C



00AD95



002E28

Inverse Universe

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



DD213B



FF0023



DD6321



6E6364



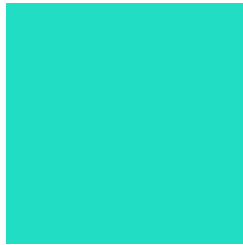
AD0018



2E0006

Previews

White Background



This preview shows how the Hex color 21DDC3 looks on a white background.

Color Contrast Check

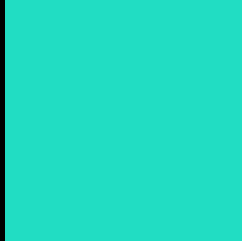
Large Text (above 18pt) WCAG AA × Fail

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 21DDC3 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

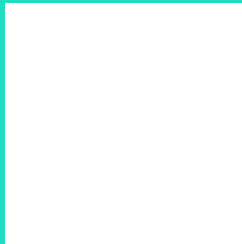
Any Text WCAG AAA ✓ Pass

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

Hex 21DDC3 Background



This preview shows how black text looks on a background with the Hex color 21DDC3.

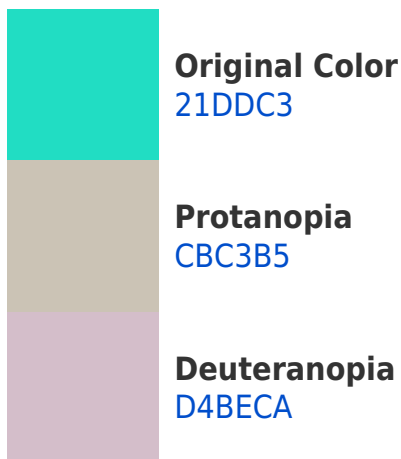


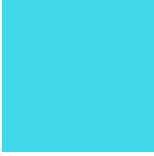
This preview shows how white text looks on a background with the Hex color 21DDC3.

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



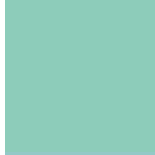


Tritanopia
41D8E9

Trichromacy



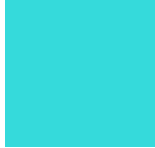
Original Color
21DDC3



Protanomaly
8DCCBA



Deuteranomaly
93C9C7

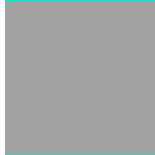


Tritanomaly
35DADB

Monochromacy



Original Color
21DDC3



Achromatopsia
A2A2A2



Achromatomaly
73B7AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 21DDC3 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 #21DDC3 looks like.

```
.text, #text, p{  
    color:#21DDC3  
}
```

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 #21DDC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21DDC3
}
```

Border

The CSS property to change the border of an element to Hex 21DDC3 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
#21DDC3 }
```

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

```
.border{ border-color:#21DDC3 }
```

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

Here you see how a box with a 4 pixel #21DDC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21DDC3; -webkit-box-shadow:4px 4px  
4px 4px #21DDC3; box-shadow:4px 4px 4px  
4px #21DDC3 }
```

Background

The CSS property to change the background color of an element to Hex 21DDC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21DDC3 }
```

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

```
.background{ background-color:#21DDC3 }
```

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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