

Converting Colors

Hex(21D6EA)

Have a look what the booklet for
Hex(21D6EA) contains.

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Color

Hex(21D6EA)

Conversions

Conversions Part 1

Format	Color
Hex	21D6EA
RGB	33, 214, 234
RGB Percent	13%, 84%, 92%
CMY	0.8706, 0.1608, 0.0824
CMYK	0.86, 0.09, 0.00, 0.08
HSL	186°, 83%, 52%
HSV	186°, 86%, 92%
XYZ	39.5250, 54.3570, 86.2507
YIQ	162.1610, -114.2960, -32.1520

Conversions

Conversions Part 2

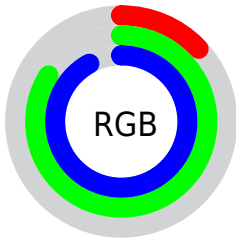
Format	Color
RYB	33, 128, 234
Decimal	2217706
CIELab	78.67, -34.85, -21.83
CIELCh	79, 41.125, 212.062
Yxy	54.3570, 0.2194, 0.3018
Android (android.graphics.Color)	4280407786 (0xFF21D6EA)
YUV	162.1610, 35.4166, -113.2742
Hunter-Lab	73.7272, -33.3290, -17.7521

Details

The Hex color **21D6EA** 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 **EA3521**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **78FFFF**, and **009FB2** is the 20% darker color. If you saturate the color by 10%, you get **0AD4EA**, and if you desaturate by 10%, it is **38D8EA**.

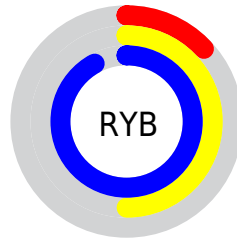
Distribution



Red (13%)

Green (84%)

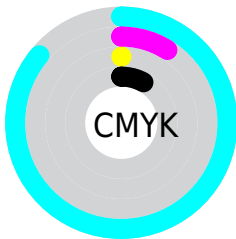
Blue (92%)



Red (13%)

Yellow (50%)

Blue (92%)

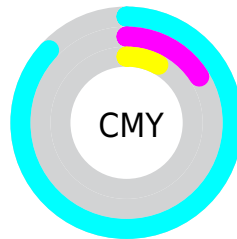


Cyan (86%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (87%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21D6EA 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 21D6EA by changing the saturation by 10% instead.

 21D6EA

 21D6EA

FFFFFF

 00BACE

 78FFFF

 009FB2

 99FFFF

 008498

 B9FFFF

 006A7E

 D9FFFF

 005265

 F8FFFF

 003A4D

 002636

 000221

 000006

■ 21D6EA

■ 21D6EA

■ 0AD4EA

■ 38D8EA

■ 00D3EA

■ 50DBEA

■ 67DDEA

■ 7FDFEA

■ 96E2EA

■ ADE4EA

■ C5E6EA

■ DCE9EA

■ F4EBEA

Harmonies

Analogous

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



4FD7C4



21D6EA



4DD0FF

Triad

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



21D6EA



F5ABE7



D9C176

Complementary

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



21D6EA



EA3521

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.



F9B480



21D6EA



FFA5C1

Square

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



21D6EA



CBB8FF



FFA99C



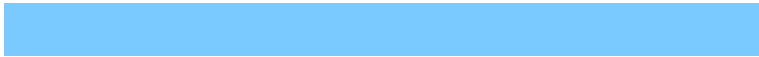
B1CC81

Rectangle

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



21D6EA



7ACAFF



FFA99C



E5BD77

Sweetspot

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



21D6EA



BDF8FF



21EA32



587C80



000000



808080

Same Dimension

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



21D6EA



00E6FF



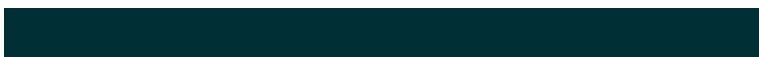
2175EA



6A7475



00A3B5



003036

Inverse Universe

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



EA21D6



FF00E6



EA9621



756A74



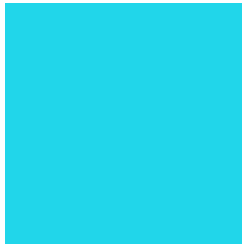
B500A3



360030

Previews

White Background



This preview shows how the Hex color 21D6EA looks on a white background.

Color Contrast Check

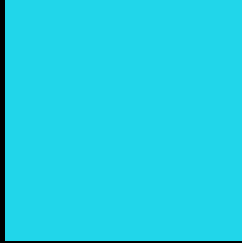
Large Text (above 18pt) WCAG AA × Fail

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 21D6EA 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 21D6EA Background



This preview shows how black text looks on a background with the Hex color 21D6EA.

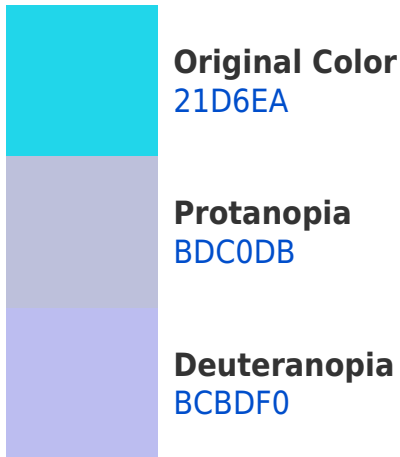


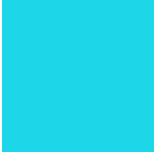
This preview shows how white text looks on a background with the Hex color 21D6EA.

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



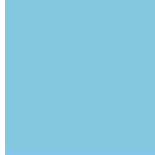


Tritanopia
1DD6E8

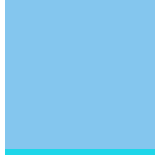
Trichromacy



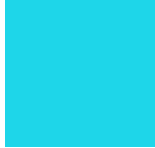
Original Color
21D6EA



Protanomaly
84C8E0



Deuteranomaly
84C6EE

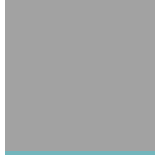


Tritanomaly
1ED6E9

Monochromacy



Original Color
21D6EA



Achromatopsia
A2A2A2



Achromatomaly
73B5BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 21D6EA 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 #21D6EA looks like.

```
.text, #text, p{  
    color:#21D6EA  
}
```

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 #21D6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21D6EA
}
```

Border

The CSS property to change the border of an element to Hex 21D6EA 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
#21D6EA }
```

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

```
.border{ border-color:#21D6EA }
```

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

Here you see how a box with a 4 pixel #21D6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21D6EA; -webkit-box-shadow:4px 4px  
4px 4px #21D6EA; box-shadow:4px 4px 4px  
4px #21D6EA }
```

Background

The CSS property to change the background color of an element to Hex 21D6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21D6EA }
```

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

```
.background{ background-color:#21D6EA }
```

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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