

Converting Colors

Hex(21E2B7)

Have a look what the booklet for
Hex(21E2B7) contains.

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Color

Hex(21E2B7)

Conversions

Conversions Part 1

Format	Color
Hex	21E2B7
RGB	33, 226, 183
RGB Percent	13%, 89%, 72%
CMY	0.8706, 0.1137, 0.2824
CMYK	0.85, 0.00, 0.19, 0.11
HSL	167°, 77%, 51%
HSV	167°, 85%, 89%
XYZ	36.3708, 58.1349, 54.1040
YIQ	163.3910, -101.2250, -54.2890

Conversions

Conversions Part 2

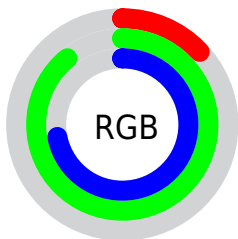
Format	Color
RYB	33, 142, 226
Decimal	2220727
CIELab	80.81, -54.30, 8.51
CIELCh	81, 54.962, 171.094
Yxy	58.1349, 0.2447, 0.3912
Android (android.graphics.Color)	4280410807 (0xFF21E2B7)
YUV	163.3910, 9.6672, -114.3529
Hunter-Lab	76.2463, -48.2834, 11.3005

Details

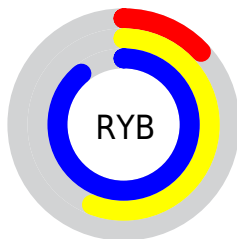
The Hex color **21E2B7** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E2214C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **75FFEF**, and **00A982** is the 20% darker color. If you saturate the color by 10%, you get **0AE2B2**, and if you desaturate by 10%, it is **38E2BC**.

Distribution



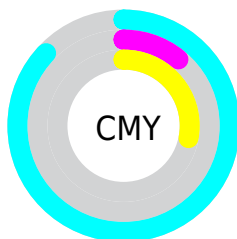
- Red (13%)
- Green (89%)
- Blue (72%)



- Red (13%)
- Yellow (56%)
- Blue (89%)



- Cyan (85%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (87%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21E2B7 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 21E2B7 by changing the saturation by 10% instead.

 21E2B7

FFFFFF

 75FFEF

 95FFFF

 B5FFFF

 D4FFFF

 F4FFFF

 21E2B7

 00C59C

 00A982

 008E69

 007451

 005A3A

 004124

 002A0F

 000600

 000000

■ 21E2B7

■ 21E2B7

■ 0AE2B2

■ 38E2BC

■ 00E2B0

■ 4EE2C1

■ 65E2C6

■ 7BE2CB

■ 92E2D0

■ A9E2D5

■ BFE2DA

■ D6E2DF

■ ECE2E4

Harmonies

Analogous

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



87DC86



21E2B7



00E3EC

Triad

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



21E2B7



B4C1FF



FFAE7A

Complementary

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



21E2B7



E2214C

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.



FFA0A6



21E2B7



F9ADFF

Square

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



21E2B7



42D3FF



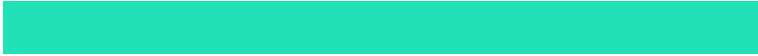
FF9FDA



F5C061

Rectangle

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



21E2B7



00E0FF



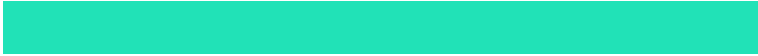
FF9FDA



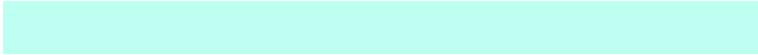
FFA887

Sweetspot

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



21E2B7



BDFFF0



4EE221



588077



000000



808080

Same Dimension

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



21E2B7



00FFC6



21AFE2



65706E



00B089



003026

Inverse Universe

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



E2214C



FF0039



E25421



706567



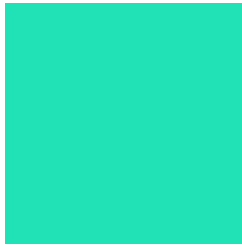
B00027



30000B

Previews

White Background



This preview shows how the Hex color 21E2B7 looks on a white background.

Color Contrast Check

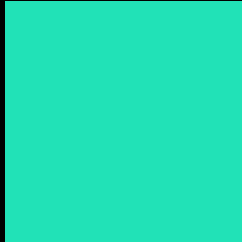
Large Text (above 18pt) WCAG AA × Fail

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 21E2B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

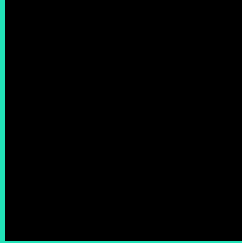
Any Text WCAG AA ✓ Pass

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 21E2B7 Background



This preview shows how black text looks on a background with the Hex color 21E2B7.

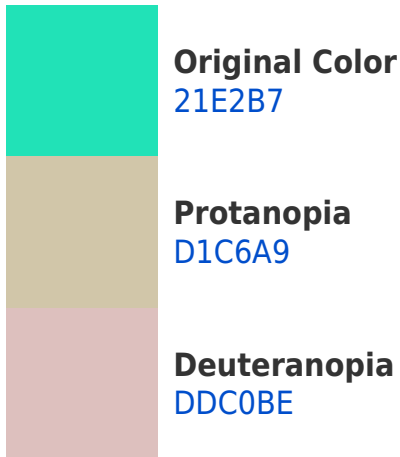


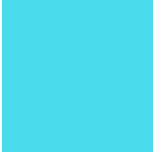
This preview shows how white text looks on a background with the Hex color 21E2B7.

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
49DBEC

Trichromacy



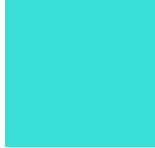
Original Color
21E2B7



Protanomaly
91D0AE



Deuteranomaly
99CCBB

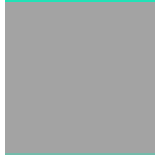


Tritanomaly
3ADED9

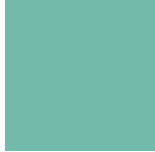
Monochromacy



Original Color
21E2B7



Achromatopsia
A3A3A3



Achromatomaly
74BAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 21E2B7 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 #21E2B7 looks like.

```
.text, #text, p{  
    color:#21E2B7  
}
```

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 #21E2B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21E2B7
}
```

Border

The CSS property to change the border of an element to Hex 21E2B7 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
#21E2B7 }
```

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

```
.border{ border-color:#21E2B7 }
```

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

Here you see how a box with a 4 pixel #21E2B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21E2B7; -webkit-box-shadow:4px 4px  
4px 4px #21E2B7; box-shadow:4px 4px 4px  
4px #21E2B7 }
```

Background

The CSS property to change the background color of an element to Hex 21E2B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21E2B7 }
```

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

```
.background{ background-color:#21E2B7 }
```

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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