

Converting Colors

Hex(2ED7C1)

Have a look what the booklet for
Hex(2ED7C1) contains.

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Color

Hex(2ED7C1)

Conversions

Conversions Part 1

Format	Color
Hex	2ED7C1
RGB	46, 215, 193
RGB Percent	18%, 84%, 76%
CMY	0.8196, 0.1569, 0.2431
CMYK	0.79, 0.00, 0.10, 0.16
HSL	172°, 68%, 51%
HSV	172°, 79%, 84%
XYZ	35.0528, 53.0320, 58.8408
YIQ	161.9610, -93.6620, -42.6700

Conversions

Conversions Part 2

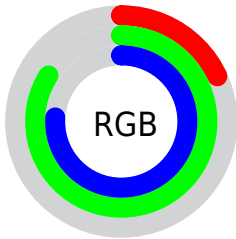
Format	Color
R _Y B	46, 136, 215
Decimal	3069889
CIE Lab	77.89, -46.15, -1.02
CIE LCh	78, 46.164, 181.266
Yxy	53.0320, 0.2386, 0.3609
Android (android.graphics.Color)	4281259969 (0xFF2ED7C1)
YUV	161.9610, 15.3022, -101.6978
Hunter-Lab	72.8231, -41.5208, 3.0700

Details

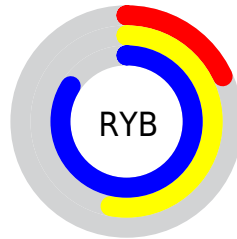
The Hex color **2ED7C1** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D72E44**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **79FFF9**, and **009F8C** is the 20% darker color. If you saturate the color by 10%, you get **18D7BE**, and if you desaturate by 10%, it is **44D7C4**.

Distribution



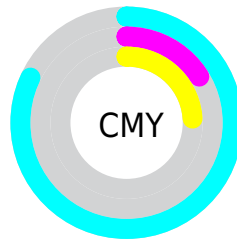
- Red (18%)
- Green (84%)
- Blue (76%)



- Red (18%)
- Yellow (53%)
- Blue (84%)



- Cyan (79%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ED7C1 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 2ED7C1 by changing the saturation by 10% instead.

 2ED7C1

 2ED7C1

FFFFFF

 00BBA6

 79FFF9

 009F8C

 99FFFF

 008472

 B8FFFF

 006A5A

 D7FFFF

 005142

 F6FFFF

 00392C

 002318

 000000

 2ED7C1

 2ED7C1

■ 18D7BE

■ 44D7C4

■ 03D7BB

■ 59D7C7

■ 00D7BB

■ 6ED7C9

■ 84D7CC

■ 9AD7CF

■ AFD7D2

■ C5D7D5

■ DAD7D7

■ F0D7DA

Harmonies

Analogous

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



79D396



2ED7C1



00D6EC

Triad

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



2ED7C1



C7B5FF



FDB076

Complementary

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



2ED7C1



D72E44

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.



FFA396



2ED7C1



F8A6EA

Square

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



2ED7C1



81C4FF



FF9EC0



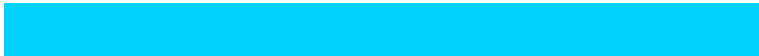
DABF69

Rectangle

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



2ED7C1



00D2FF



FF9EC0



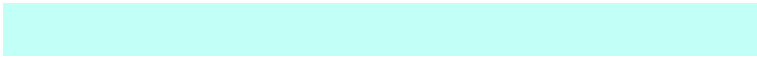
FFAB7F

Sweetspot

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



2ED7C1



C2FFF7



45D72E



5B807B



000000



808080

Same Dimension

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



2ED7C1



0FFFE0



2E99D7



606B6A



00AB95



002B26

Inverse Universe

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



D72E44



FF0F2F



D76C2E



6B6062



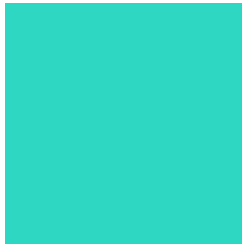
AB0016



2B0006

Previews

White Background



This preview shows how the Hex color 2ED7C1 looks on a white background.

Color Contrast Check

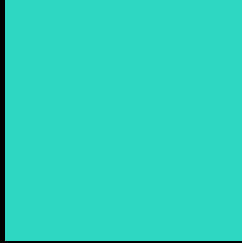
Large Text (above 18pt) WCAG AA × Fail

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 2ED7C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

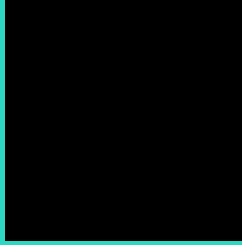
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

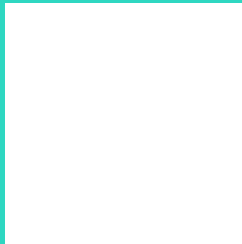
Any Text WCAG AAA ✓ Pass

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

Hex 2ED7C1 Background



This preview shows how black text looks on a background with the Hex color 2ED7C1.



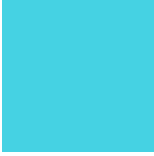
This preview shows how white text looks on a background with the Hex color 2ED7C1.

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](#).

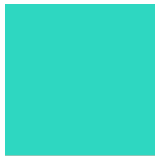
Dichromacy





Tritanopia
45D2E3

Trichromacy



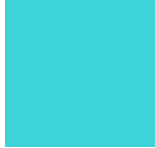
Original Color
2ED7C1



Protanomaly
8EC7B8



Deuteranomaly
93C4C5

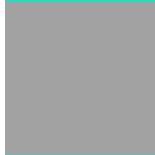


Tritanomaly
3DD4D7

Monochromacy



Original Color
2ED7C1



Achromatopsia
A2A2A2



Achromatomaly
78B5AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 2ED7C1 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 #2ED7C1 looks like.

```
.text, #text, p{  
    color:#2ED7C1  
}
```

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 #2ED7C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ED7C1
}
```

Border

The CSS property to change the border of an element to Hex 2ED7C1 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
#2ED7C1 }
```

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

```
.border{ border-color:#2ED7C1 }
```

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

Here you see how a box with a 4 pixel #2ED7C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ED7C1; -webkit-box-shadow:4px 4px  
4px 4px #2ED7C1; box-shadow:4px 4px 4px  
4px #2ED7C1 }
```

Background

The CSS property to change the background color of an element to Hex 2ED7C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ED7C1 }
```

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

```
.background{ background-color:#2ED7C1 }
```

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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