

Converting Colors

Hex(2ED1CB)

Have a look what the booklet for
Hex(2ED1CB) contains.

Hex(2ED1CB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2ED1CB)

Conversions

Conversions Part 1

Format	Color
Hex	2ED1CB
RGB	46, 209, 203
RGB Percent	18%, 82%, 80%
CMY	0.8196, 0.1804, 0.2039
CMYK	0.78, 0.00, 0.03, 0.18
HSL	178°, 64%, 50%
HSV	178°, 78%, 82%
XYZ	34.7067, 50.4936, 64.4169
YIQ	159.5790, -95.2220, -36.4220

Conversions

Conversions Part 2

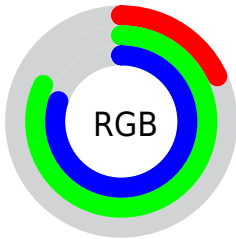
Format	Color
RYB	46, 129, 209
Decimal	3068363
CIELab	76.37, -40.77, -8.64
CIELCh	76, 41.678, 191.959
Yxy	50.4936, 0.2320, 0.3375
Android (android.graphics.Color)	4281258443 (0xFF2ED1CB)
YUV	159.5790, 21.4066, -99.6088
Hunter-Lab	71.0588, -37.1697, -4.0069

Details

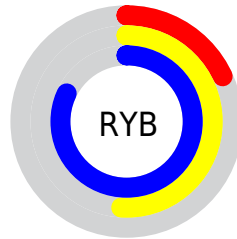
The Hex color **2ED1CB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D12E34**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **79FFFF**, and **009A95** is the 20% darker color. If you saturate the color by 10%, you get **19D1CA**, and if you desaturate by 10%, it is **43D1CC**.

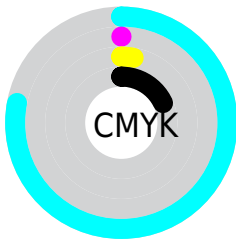
Distribution



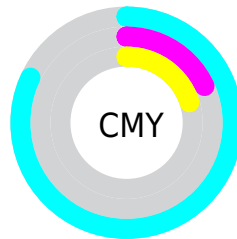
- Red (18%)
- Green (82%)
- Blue (80%)



- Red (18%)
- Yellow (51%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ED1CB 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 2ED1CB by changing the saturation by 10% instead.

 2ED1CB

 2ED1CB

FFFFFF

 00B5B0

 79FFFF

 009A95

 99FFFF

 007F7B

 B8FFFF

 006562

 D7FFFF

 004D4B

 F6FFFF

 003534

 001F1F

 000006

 000000

■ 2ED1CB

■ 2ED1CB

■ 19D1CA

■ 43D1CC

■ 04D1C9

■ 58D1CD

■ 00D1C9

■ 6DD1CD

■ 82D1CE

■ 97D1CF

■ ABD1D0

■ C0D1D0

■ D5D1D1

■ EAD1D2

Harmonies

Analogous

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



6BCFA3



2ED1CB



00CEEF

Triad

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



2ED1CB



D4ADF6



EAB273

Complementary

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



2ED1CB



D12E34

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.



FFA58B



2ED1CB



F9A1D5

Square

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



2ED1CB



9DBBFF



FF9EAE



C6BF70

Rectangle

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



2ED1CB



3FCAFF



FF9EAE



F3AD79

Sweetspot

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



2ED1CB



C4FFFD



36D12E



5C807E



000000



808080

Same Dimension

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



2ED1CB



0FFFF6



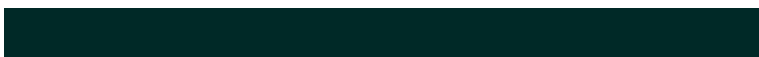
2E88D1



5E6968



00A8A2



002927

Inverse Universe

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



D12E34



FF0F18



D1772E



695E5E



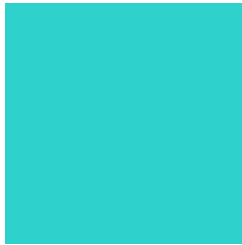
A80006



290002

Previews

White Background



This preview shows how the Hex color 2ED1CB looks on a white background.

Color Contrast Check

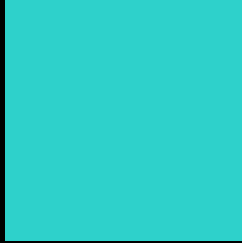
Large Text (above 18pt) WCAG AA × Fail

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 2ED1CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

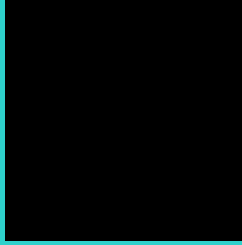
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

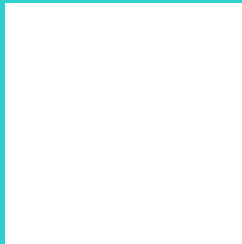
Any Text WCAG AAA ✓ Pass

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

Hex 2ED1CB Background



This preview shows how black text looks on a background with the Hex color 2ED1CB.

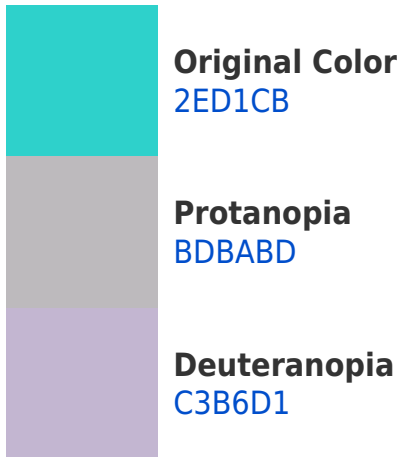


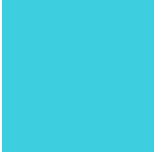
This preview shows how white text looks on a background with the Hex color 2ED1CB.

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
3DCEDF

Trichromacy



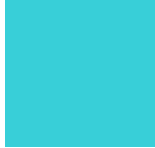
Original Color
2ED1CB



Protanomaly
89C2C2



Deuteranomaly
8DC0CF

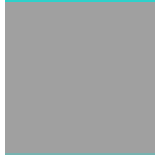


Tritanomaly
38CFD8

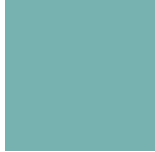
Monochromacy



Original Color
2ED1CB



Achromatopsia
A0A0A0



Achromatomaly
77B2B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 2ED1CB 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 #2ED1CB looks like.

```
.text, #text, p{  
    color:#2ED1CB  
}
```

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 #2ED1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ED1CB
}
```

Border

The CSS property to change the border of an element to Hex 2ED1CB 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
#2ED1CB }
```

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

```
.border{ border-color:#2ED1CB }
```

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

Here you see how a box with a 4 pixel #2ED1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ED1CB; -webkit-box-shadow:4px 4px  
4px 4px #2ED1CB; box-shadow:4px 4px 4px  
4px #2ED1CB }
```

Background

The CSS property to change the background color of an element to Hex 2ED1CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ED1CB }
```

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

```
.background{ background-color:#2ED1CB }
```

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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