

Converting Colors

Hex(2ED3C8)

Have a look what the booklet for
Hex(2ED3C8) contains.

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Color

Hex(2ED3C8)

Conversions

Conversions Part 1

Format	Color
Hex	2ED3C8
RGB	46, 211, 200
RGB Percent	18%, 83%, 78%
CMY	0.8196, 0.1725, 0.2157
CMYK	0.78, 0.00, 0.05, 0.17
HSL	176°, 65%, 50%
HSV	176°, 78%, 83%
XYZ	34.8463, 51.3395, 62.7165
YIQ	160.4110, -94.8090, -38.4010

Conversions

Conversions Part 2

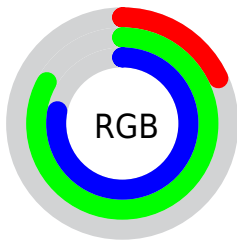
Format	Color
RYB	46, 131, 211
Decimal	3068872
CIELab	76.88, -42.51, -6.26
CIELCh	77, 42.965, 188.380
Yxy	51.3395, 0.2340, 0.3448
Android (android.graphics.Color)	4281258952 (0xFF2ED3C8)
YUV	160.4110, 19.5174, -100.3384
Hunter-Lab	71.6516, -38.5804, -1.7403

Details

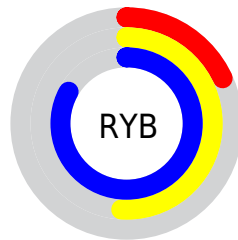
The Hex color **2ED3C8** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D32E39**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **79FFFF**, and **009C92** is the 20% darker color. If you saturate the color by 10%, you get **19D3C7**, and if you desaturate by 10%, it is **43D3C9**.

Distribution



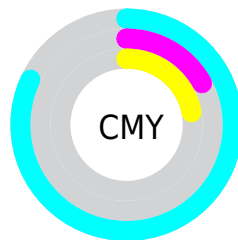
- Red (18%)
- Green (83%)
- Blue (78%)



- Red (18%)
- Yellow (51%)
- Blue (83%)



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (82%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ED3C8 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 2ED3C8 by changing the saturation by 10% instead.

 2ED3C8

 2ED3C8

FFFFFF

 00B7AD

 79FFFF

 009C92

 99FFFF

 008179

 B8FFFF

 006760

 D7FFFF

 004E48

 F6FFFF

 003632

 00211D

 000002

 000000

 2ED3C8

 2ED3C8

 19D3C7

 43D3C9

 04D3C5

 58D3CB

 00D3C5

 6DD3CC

 82D3CE

 98D3CF

 ADD3D0

 C2D3D2

 D7D3D3

 ECD3D5

Harmonies

Analogous

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



70D19F



2ED3C8



00D1EE

Triad

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



2ED3C8



D1AFFC



F0B174

Complementary

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



2ED3C8



D32E39

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.



FFA58E



2ED3C8



F9A3DC

Square

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



2ED3C8



95BEFF



FF9EB4



CDBF6E

Rectangle

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



2ED3C8



2ACDFF



FF9EB4



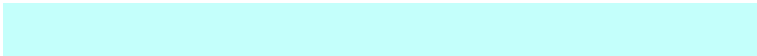
F9AD7B

Sweetspot

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



2ED3C8



C4FFFB



39D32E



5C807D



000000



808080

Same Dimension

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



2ED3C8



0FFFEF



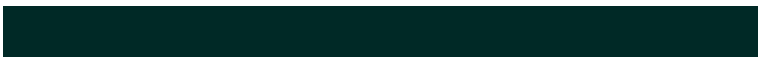
2E8CD3



5E6968



00A89D



002926

Inverse Universe

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



D32E39



FF0F1F



D3752E



695E5F



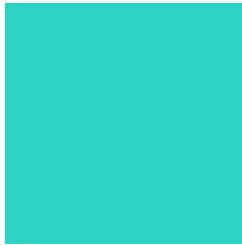
A8000B



290003

Previews

White Background



This preview shows how the Hex color 2ED3C8 looks on a white background.

Color Contrast Check

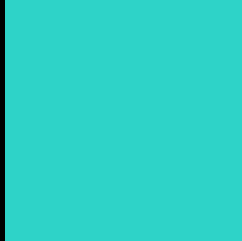
Large Text (above 18pt) WCAG AA × Fail

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 2ED3C8 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

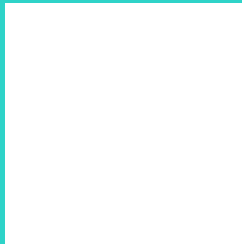
Any Text WCAG AAA ✓ Pass

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

Hex 2ED3C8 Background



This preview shows how black text looks on a background with the Hex color 2ED3C8.

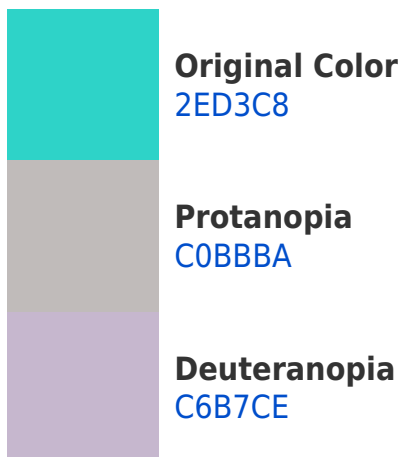


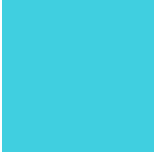
This preview shows how white text looks on a background with the Hex color 2ED3C8.

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
40CFE0

Trichromacy



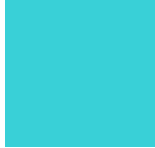
Original Color
2ED3C8



Protanomaly
8BC4BF



Deuteranomaly
8FC1CC

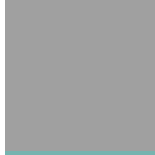


Tritanomaly
39D0D7

Monochromacy



Original Color
2ED3C8



Achromatopsia
A0A0A0



Achromatomaly
77B3AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 2ED3C8 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 #2ED3C8 looks like.

```
.text, #text, p{  
  color:#2ED3C8  
}
```

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 #2ED3C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ED3C8
}
```

Border

The CSS property to change the border of an element to Hex 2ED3C8 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
#2ED3C8 }
```

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

```
.border{ border-color:#2ED3C8 }
```

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

Here you see how a box with a 4 pixel #2ED3C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ED3C8; -webkit-box-shadow:4px 4px  
4px 4px #2ED3C8; box-shadow:4px 4px 4px  
4px #2ED3C8 }
```

Background

The CSS property to change the background color of an element to Hex 2ED3C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ED3C8 }
```

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

```
.background{ background-color:#2ED3C8 }
```

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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