

Converting Colors

Hex(2EC2D1)

Have a look what the booklet for
Hex(2EC2D1) contains.

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Color

Hex(2EC2D1)

Conversions

Conversions Part 1

Format	Color
Hex	2EC2D1
RGB	46, 194, 209
RGB Percent	18%, 76%, 82%
CMY	0.8196, 0.2392, 0.1804
CMYK	0.78, 0.07, 0.00, 0.18
HSL	186°, 64%, 50%
HSV	186°, 78%, 82%
XYZ	31.9271, 43.7679, 67.0869
YIQ	151.4580, -93.0230, -26.7110

Conversions

Conversions Part 2

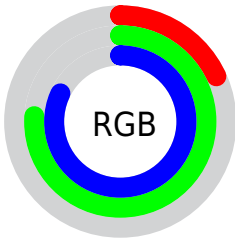
Format	Color
RYB	46, 124, 209
Decimal	3064529
CIELab	72.07, -32.05, -18.34
CIELCh	72, 36.928, 209.770
Yxy	43.7679, 0.2236, 0.3065
Android (android.graphics.Color)	4281254609 (0xFF2EC2D1)
YUV	151.4580, 28.3682, -92.4867
Hunter-Lab	66.1573, -29.6322, -13.8130

Details

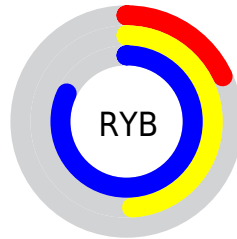
The Hex color **2EC2D1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D13D2E**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **78FBFF**, and **008C9B** is the 20% darker color. If you saturate the color by 10%, you get **19C0D1**, and if you desaturate by 10%, it is **43C4D1**.

Distribution



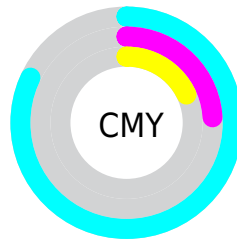
- Red (18%)
- Green (76%)
- Blue (82%)



- Red (18%)
- Yellow (49%)
- Blue (82%)



- Cyan (78%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EC2D1 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 2EC2D1 by changing the saturation by 10% instead.

 2EC2D1

 2EC2D1

FFFFFF

 00A7B5

 78FBFF

 008C9B

 97FFFF

 007281

 B6FFFF

 005967

 D5FFFF

 00414F

 F4FFFF

 002A38

 001023

 00000B

 000000

 2EC2D1

 2EC2D1

 19C0D1

 43C4D1

 04BED1

 58C6D1

 00BED1

 6DC8D1

 82CAD1

 97CCD1

 ABCED1

 C0CFD1

 D5D1D1

 EAD3D1

Harmonies

Analogous

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



51C3AF



2EC2D1



48BDEA

Triad

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



2EC2D1



DB9DD3



C7AF6D

Complementary

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



2EC2D1



D13D2E

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.



E3A377



2EC2D1



F097B2

Square

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



2EC2D1



B4A8EB



F29991



A4B975

Rectangle

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



2EC2D1



6DB7F2



F29991



D2AB6E

Sweetspot

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



2EC2D1



C4FAFF



2ED13C



5C7C80



000000



808080

Same Dimension

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



2EC2D1



0FE9FF



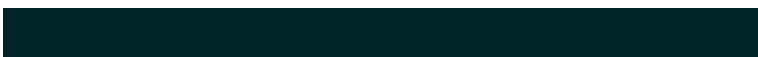
2E72D1



5E6869



0099A8



002529

Inverse Universe

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



D12EC2



FF0FE9



D18D2E



695E68



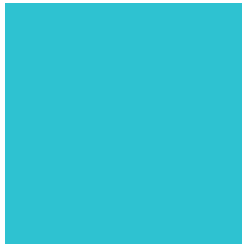
A80099



290025

Previews

White Background



This preview shows how the Hex color 2EC2D1 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 2EC2D1 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 2EC2D1 Background



This preview shows how black text looks on a background with the Hex color 2EC2D1.

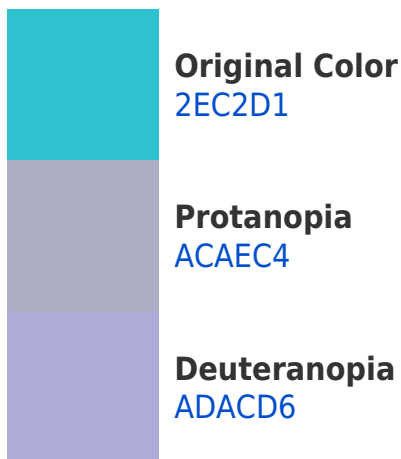


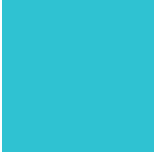
This preview shows how white text looks on a background with the Hex color 2EC2D1.

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
2FC2D2

Trichromacy



Original Color
2EC2D1



Protanomaly
7EB5C9



Deuteranomaly
7FB4D4



Tritanomaly
2FC2D2

Monochromacy



Original Color
2EC2D1



Achromatopsia
979797



Achromatomaly
71A7AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EC2D1 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 #2EC2D1 looks like.

```
.text, #text, p{  
    color:#2EC2D1  
}
```

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 #2EC2D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EC2D1
}
```

Border

The CSS property to change the border of an element to Hex 2EC2D1 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
#2EC2D1 }
```

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

```
.border{ border-color:#2EC2D1 }
```

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

Here you see how a box with a 4 pixel #2EC2D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EC2D1; -webkit-box-shadow:4px 4px  
4px 4px #2EC2D1; box-shadow:4px 4px 4px  
4px #2EC2D1 }
```

Background

The CSS property to change the background color of an element to Hex 2EC2D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EC2D1 }
```

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

```
.background{ background-color:#2EC2D1 }
```

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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