

Converting Colors

Hex(2EBDD1)

Have a look what the booklet for
Hex(2EBDD1) contains.

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Color

Hex(2EBDD1)

Conversions

Conversions Part 1

Format	Color
Hex	2EBDD1
RGB	46, 189, 209
RGB Percent	18%, 74%, 82%
CMY	0.8196, 0.2588, 0.1804
CMYK	0.78, 0.10, 0.00, 0.18
HSL	187°, 64%, 50%
HSV	187°, 78%, 82%
XYZ	30.8329, 41.5795, 66.7222
YIQ	148.5230, -91.6480, -24.0960

Conversions

Conversions Part 2

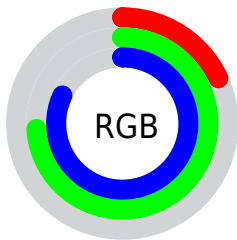
Format	Color
R_{YB}	46, 122, 209
Decimal	3063249
CIE _{Lab}	70.58, -29.64, -20.60
CIE _{LCh}	71, 36.092, 214.805
Yxy	41.5795, 0.2216, 0.2988
Android (android.graphics.Color)	4281253329 (0xFF2EBDD1)
YUV	148.5230, 29.8152, -89.9127
Hunter-Lab	64.4822, -27.4918, -16.2121

Details

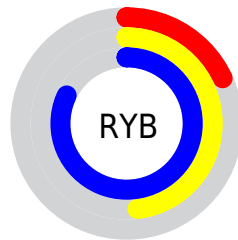
The Hex color **2EBDD1** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **D1422E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **77F6FF**, and **00879B** is the 20% darker color. If you saturate the color by 10%, you get **19BAD1**, and if you desaturate by 10%, it is **43C0D1**.

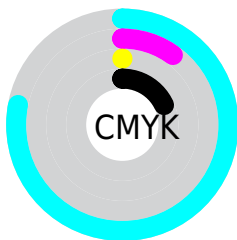
Distribution



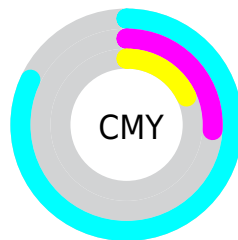
- Red (18%)
- Green (74%)
- Blue (82%)



- Red (18%)
- Yellow (48%)
- Blue (82%)



- Cyan (78%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EBDD1 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 2EBDD1 by changing the saturation by 10% instead.

 2EBDD1

 2EBDD1


FFFFFF

 00A2B5

 77F6FF

 00879B

 96FFFF

 006E81

 B5FFFF

 005567

 D4FFFF

 003D4F

 F3FFFF

 002738

 000623

 00000B

 000000

■ 2EBDD1

■ 2EBDD1

■ 19BAD1

■ 43C0D1

■ 04B8D1

■ 58C2D1

■ 00B7D1

■ 6DC5D1

■ 82C7D1

■ 97CAD1

■ ABCCD1

■ C0CFD1

■ D5D2D1

■ EAD4D1

Harmonies

Analogous

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



49BEB1



2EBDD1



50B8E7

Triad

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



2EBDD1



DB98C9



BEAC6B

Complementary

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



2EBDD1



D1422E

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.



DAA172



2EBDD1



EC93A9

Square

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



2EBDD1



B8A2E3



EB9789



9AB676

Rectangle

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



2EBDD1



75B2ED



EB9789



C8A96B

Sweetspot

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



2EBDD1



C4F8FF



2ED141



5C7B80



000000



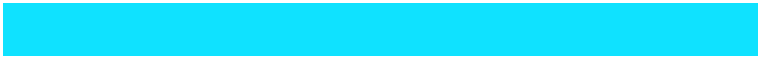
808080

Same Dimension

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



2EBDD1



0FE2FF



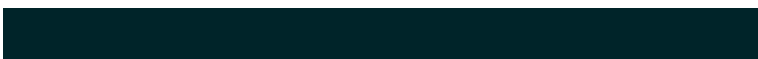
2E6CD1



5E6769



0094A8



002429

Inverse Universe

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



D12EBD



FF0FE2



D1932E



695E67



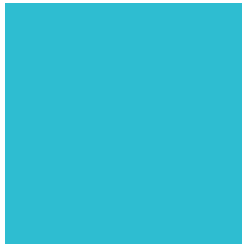
A80094



290024

Previews

White Background



This preview shows how the Hex color 2EBDD1 looks on a white background.

Color Contrast Check

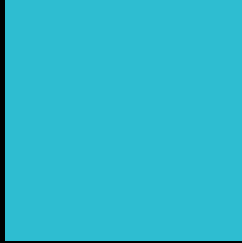
Large Text (above 18pt) WCAG AA × Fail

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 2EBDD1 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 2EBDD1 Background



This preview shows how black text looks on a background with the Hex color 2EBDD1.

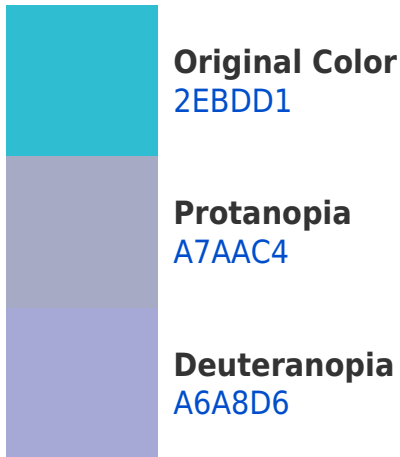


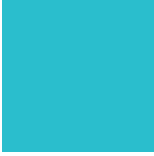
This preview shows how white text looks on a background with the Hex color 2EBDD1.

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](#).

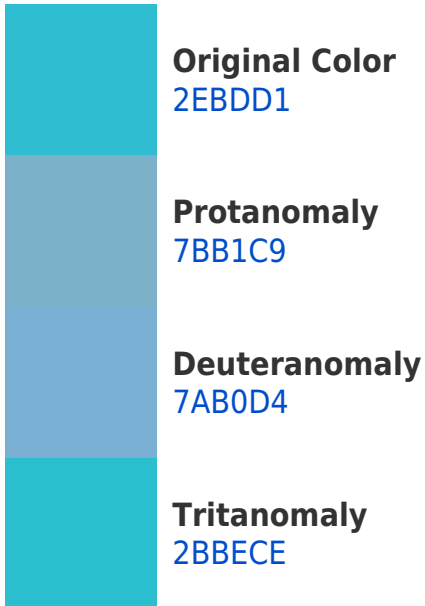
Dichromacy





Tritanopia
2ABECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EBDD1 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 #2EBDD1 looks like.

```
.text, #text, p{  
    color:#2EBDD1  
}
```

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 #2EBDD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EBDD1
}
```

Border

The CSS property to change the border of an element to Hex 2EBDD1 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
#2EBDD1 }
```

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

```
.border{ border-color:#2EBDD1 }
```

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

Here you see how a box with a 4 pixel #2EBDD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EBDD1; -webkit-box-shadow:4px 4px  
4px 4px #2EBDD1; box-shadow:4px 4px 4px  
4px #2EBDD1 }
```

Background

The CSS property to change the background color of an element to Hex 2EBDD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EBDD1 }
```

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

```
.background{ background-color:#2EBDD1 }
```

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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