

# Converting Colors

Hex(2AC0C4)

Have a look what the booklet for  
Hex(2AC0C4) contains.

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# Color

Hex(2AC0C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	2AC0C4
RGB	42, 192, 196
RGB Percent	16%, 75%, 77%
CMY	0.8353, 0.2471, 0.2314
CMYK	0.79, 0.02, 0.00, 0.23
HSL	182°, 65%, 47%
HSV	182°, 79%, 77%
XYZ	29.7683, 42.1770, 58.7966
YIQ	147.6060, -90.6840, -30.5560

# Conversions

## Conversions Part 2

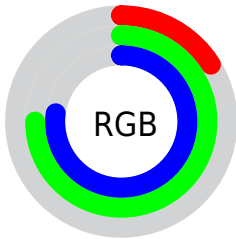
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 118, 196
Decimal	2801860
CIE <sub>Lab</sub>	70.99, -35.42, -12.88
CIE <sub>LCh</sub>	71, 37.684, 199.982
Yxy	42.1770, 0.2277, 0.3226
Android (android.graphics.Color)	4280991940 (0xFF2AC0C4)
YUV	147.6060, 23.8582, -92.6165
Hunter-Lab	64.9439, -31.8328, -8.2172

# Details

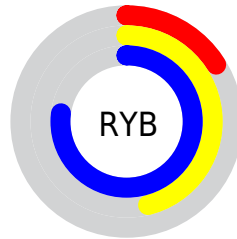
The Hex color **2AC0C4** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C42E2A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **74F9FD**, and **008A8E** is the 20% darker color. If you saturate the color by 10%, you get **16BFC4**, and if you desaturate by 10%, it is **3EC1C4**.

# Distribution



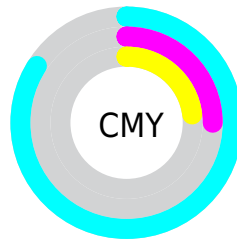
- Red (16%)
- Green (75%)
- Blue (77%)



- Red (16%)
- Yellow (46%)
- Blue (77%)



- Cyan (79%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (25%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2AC0C4 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 2AC0C4 by changing the saturation by 10% instead.



 2AC0C4

 2AC0C4

FFFFFF

 00A5A9

 74F9FD

 008A8E

 93FFFF

 007075

 B2FFFF

 00575C

 D0FFFF

 003F45

 EFFFFF

 00292E

 00081A

 000000

 2AC0C4

 2AC0C4

■ 16BFC4

■ 3EC1C4

■ 03BFC4

■ 51C1C4

■ 00BFC4

■ 65C2C4

■ 78C2C4

■ 8CC3C4

■ A0C3C4

■ B3C4C4

■ C7C4C4

■ DAC5C4

# Harmonies

## Analogous

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



5ABFA1



2AC0C4



2DBCE1

# Triad

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



2AC0C4



CE9DDA



CFA86A

# Complementary

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



2AC0C4



C42E2A

# 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.



E79C7B



2AC0C4



E994BB

# Square

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



2AC0C4



A1A9EE



F19498



ADB36C

# Rectangle

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



2AC0C4



54B8ED



F19498



D8A46E

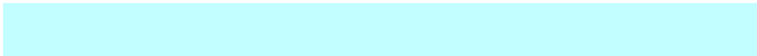


# Sweetspot

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



2AC0C4



C2FDFD



2AC42D



5B7F80



000000



808080



# Same Dimension

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



2AC0C4



0FF9FF



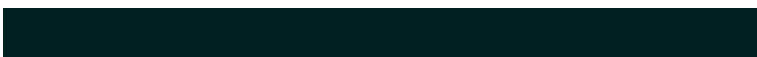
2A74C4



576161



009CA1



002021



# Inverse Universe

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



C42AC0



FF0FF9



C47A2A



615761



A1009C

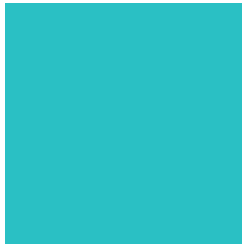


210020



# Previews

## White Background



This preview shows how the Hex color 2AC0C4 looks on a white background.

## Color Contrast Check

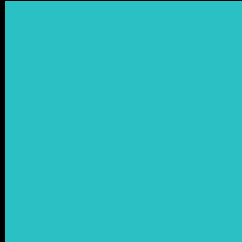
Large Text (above 18pt) WCAG AA × Fail

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 2AC0C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

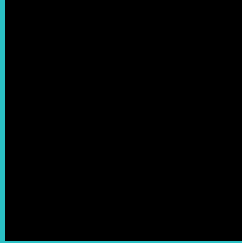
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

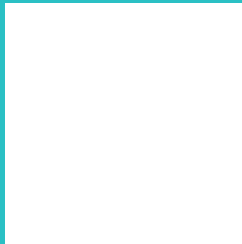
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2AC0C4 Background



This preview shows how black text looks on a background with the Hex color 2AC0C4.

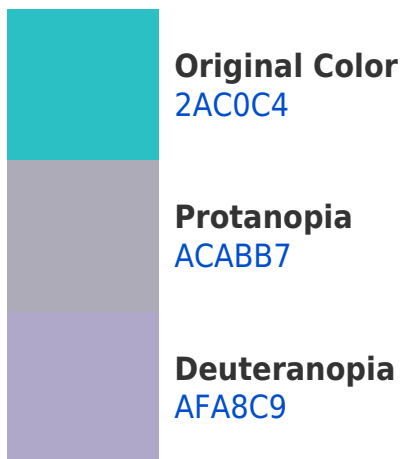


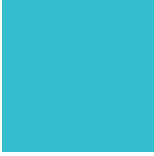
This preview shows how white text looks on a background with the Hex color 2AC0C4.

# 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





# Trichromacy



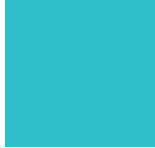
**Original Color**  
2AC0C4



**Protanomaly**  
7DB3BC



**Deuteranomaly**  
7FB1C7



**Tritanomaly**  
2FBFCA

# Monochromacy



**Original Color**  
2AC0C4



**Achromatopsia**  
949494



**Achromatomaly**  
6DA4A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2AC0C4 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 #2AC0C4 looks like.

```
.text, #text, p{  
    color:#2AC0C4  
}
```

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 #2AC0C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC0C4
}
```

## Border

The CSS property to change the border of an element to Hex 2AC0C4 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
#2AC0C4 }
```

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

```
.border{ border-color:#2AC0C4 }
```

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

Here you see how a box with a 4 pixel #2AC0C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC0C4; -webkit-box-shadow:4px 4px  
4px 4px #2AC0C4; box-shadow:4px 4px 4px  
4px #2AC0C4 }
```

# Background

The CSS property to change the background color of an element to Hex 2AC0C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC0C4 }
```

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

```
.background{ background-color:#2AC0C4 }
```

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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