

# Converting Colors

Hex(2ACAE9)

Have a look what the booklet for  
Hex(2ACAE9) contains.

<b>Hex(2ACAE9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(2ACAE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2ACAE9
RGB	42, 202, 233
RGB Percent	16%, 79%, 91%
CMY	0.8353, 0.2078, 0.0863
CMYK	0.82, 0.13, 0.00, 0.09
HSL	190°, 81%, 54%
HSV	190°, 82%, 91%
XYZ	36.7834, 48.6165, 84.5360
YIQ	157.6940, -105.3110, -24.2790

# Conversions

## Conversions Part 2

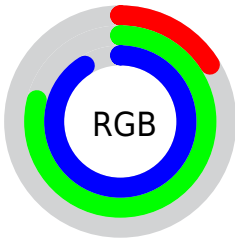
Format	Color
R <sub>Y</sub> B	42, 129, 233
Decimal	2804457
CIE Lab	75.21, -28.79, -26.56
CIE LCh	75, 39.166, 222.692
Yxy	48.6165, 0.2165, 0.2861
Android (android.graphics.Color)	4280994537 (0xFF2ACAE9)
YUV	157.6940, 37.1259, -101.4636
Hunter-Lab	69.7255, -27.8529, -23.0760

# Details

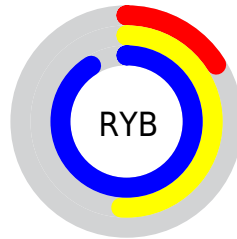
The Hex color **2ACAE9** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E9492A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7AFFFF**, and **0094B1** is the 20% darker color. If you saturate the color by 10%, you get **13C6E9**, and if you desaturate by 10%, it is **41CEE9**.

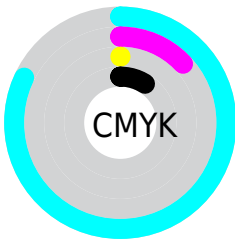
# Distribution



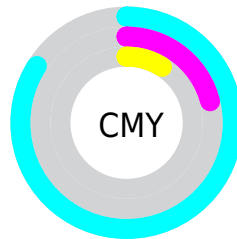
- Red (16%)
- Green (79%)
- Blue (91%)



- Red (16%)
- Yellow (51%)
- Blue (91%)



- Cyan (82%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (84%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2ACAE9 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 2ACAE9 by changing the saturation by 10% instead.



 2ACAE9

 2ACAE9

FFFFFF

 00AECD

 7AFFFF

 0094B1

 9AFFFF

 007A96

 BAFFFF

 00607D

 D9FFFF

 004863

 F9FFFF

 00314B

 001D35

 00021F

 000003

■ 2ACAE9

■ 2ACAE9

■ 13C6E9

■ 41CEE9

■ 00C3E9

■ 59D2E9

■ 70D5E9

■ 87D9E9

■ 9FDDE9

■ B6E1E9

■ CDE4E9

■ E4E8E9

■ FCECE9

# Harmonies

## Analogous

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



3CCDC8



2ACAE9



61C3FD

# Triad

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



2ACAE9



F3A0D0



C2BC72

# Complementary

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



2ACAE9



E9492A

# 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.



E3B075



2ACAE9



FF9DAB

# Square

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



2ACAE9



D1AAEE



FAA48A



9AC583

# Rectangle

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



2ACAE9



8BBCFF



FAA48A



CEB870

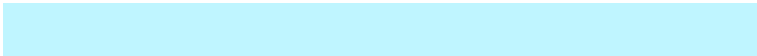


# Sweetspot

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



2ACAE9



BFF5FF



2AE947



597980



000000



808080

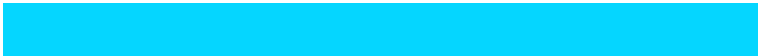


# Same Dimension

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



2ACAE9



05D6FF



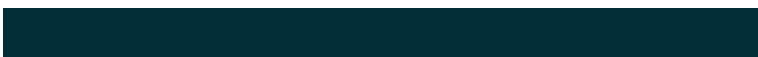
2A6DE9



6A7375



0098B5



002D36



# Inverse Universe

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



E92ACA



FF05D6



E9A62A



756A73



B50098

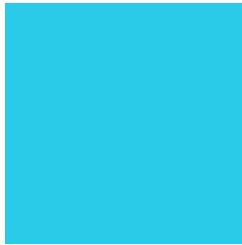


36002D



# Previews

## White Background



This preview shows how the Hex color 2ACAE9 looks on a white background.

## Color Contrast Check

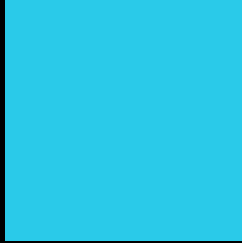
Large Text (above 18pt) WCAG AA × Fail

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 2ACAE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

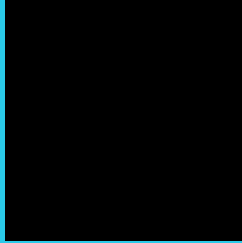
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2ACAE9 Background



This preview shows how black text looks on a background with the Hex color 2ACAE9.

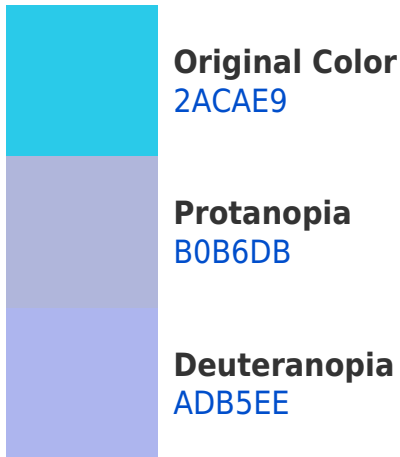


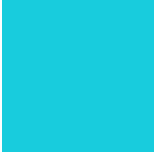
This preview shows how white text looks on a background with the Hex color 2ACAE9.

# Color Blindness Simulation

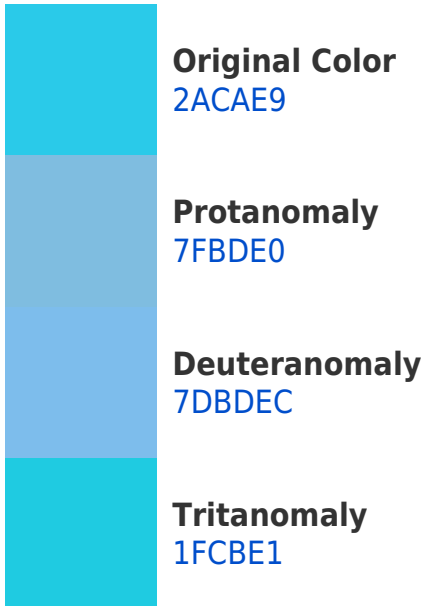
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2ACAE9 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 #2ACAE9 looks like.

```
.text, #text, p{  
    color:#2ACAE9  
}
```

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 #2ACAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ACAE9
}
```

## Border

The CSS property to change the border of an element to Hex 2ACAE9 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
#2ACAE9 }
```

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

```
.border{ border-color:#2ACAE9 }
```

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

Here you see how a box with a 4 pixel #2ACAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ACAE9; -webkit-box-shadow:4px 4px  
4px 4px #2ACAE9; box-shadow:4px 4px 4px  
4px #2ACAE9 }
```

# Background

The CSS property to change the background color of an element to Hex 2ACAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ACAE9 }
```

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

```
.background{ background-color:#2ACAE9 }
```

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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