

# Converting Colors

Hex(2ACAD5)

Have a look what the booklet for  
Hex(2ACAD5) contains.

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# Color

**Hex(2ACAD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2ACAD5
RGB	42, 202, 213
RGB Percent	16%, 79%, 84%
CMY	0.8353, 0.2078, 0.1647
CMYK	0.80, 0.05, 0.00, 0.16
HSL	184°, 67%, 50%
HSV	184°, 80%, 84%
XYZ	34.0856, 47.5374, 70.3299
YIQ	155.4140, -98.8910, -30.4990

# Conversions

## Conversions Part 2

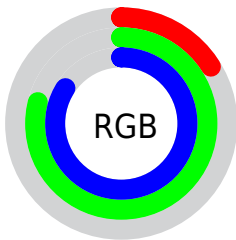
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 125, 213
Decimal	2804437
CIE <sub>Lab</sub>	74.53, -34.99, -16.79
CIE <sub>LCh</sub>	75, 38.813, 205.640
Yxy	47.5374, 0.2243, 0.3128
Android (android.graphics.Color)	4280994517 (0xFF2ACAD5)
YUV	155.4140, 28.3899, -99.4641
Hunter-Lab	68.9474, -32.4126, -12.2157

# Details

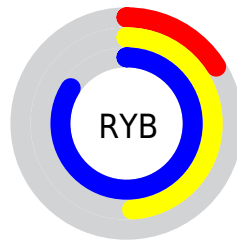
The Hex color **2ACAD5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D5352A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **77FFFF**, and **00939E** is the 20% darker color. If you saturate the color by 10%, you get **15C9D5**, and if you desaturate by 10%, it is **3FCBD5**.

# Distribution



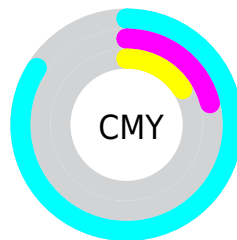
- Red (16%)
- Green (79%)
- Blue (84%)



- Red (16%)
- Yellow (49%)
- Blue (84%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (21%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2ACAD5 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 2ACAD5 by changing the saturation by 10% instead.



 2ACAD5

 2ACAD5

FFFFFF

 00AEB9

 77FFFF

 00939E

 97FFFF

 007984

 B6FFFF

 00606B

 D5FFFF

 004753

 F4FFFF

 00303C

 001A26

 000111

 000000

■ 2ACAD5

■ 2ACAD5

■ 15C9D5

■ 3FCBD5

■ 00C7D5

■ 55CDD5

■ 6ACED5

■ 7FCFD5

■ 95D1D5

■ AAD2D5

■ BFD4D5

■ D4D5D5

■ EAD6D5

# Harmonies

## Analogous

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



57CAB1



2ACAD5



3EC5F1

# Triad

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



2ACAD5



E0A4E0



D4B370

# Complementary

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



2ACAD5



D5352A

# 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.



EFA77E



2ACAD5



F89CBE

# Square

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



2ACAD5



B4B0F8



FD9E9A



B0BF76

# Rectangle

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



2ACAD5



67C0FC



FD9E9A



DEAF72



# Sweetspot

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



2ACAD5



C2FBFF



2AD533



5B7D80



000000



808080



# Same Dimension

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



2ACAD5



0AEFFF



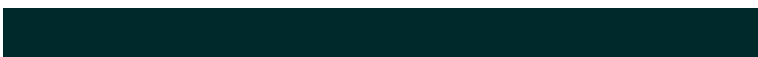
2A77D5



606A6B



00A0AB



00292B



# Inverse Universe

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



D52ACA



FF0AEF



D5882A



6B606A



AB00A0

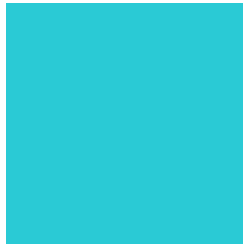


2B0029



# Previews

## White Background



This preview shows how the Hex color 2ACAD5 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 2ACAD5 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 2ACAD5 Background



This preview shows how black text looks on a background with the Hex color 2ACAD5.

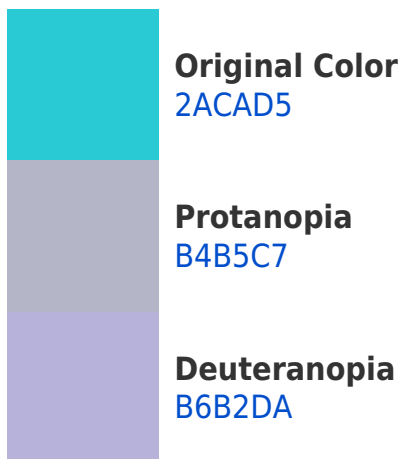


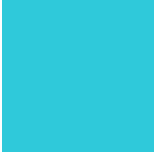
This preview shows how white text looks on a background with the Hex color 2ACAD5.

# 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](#).

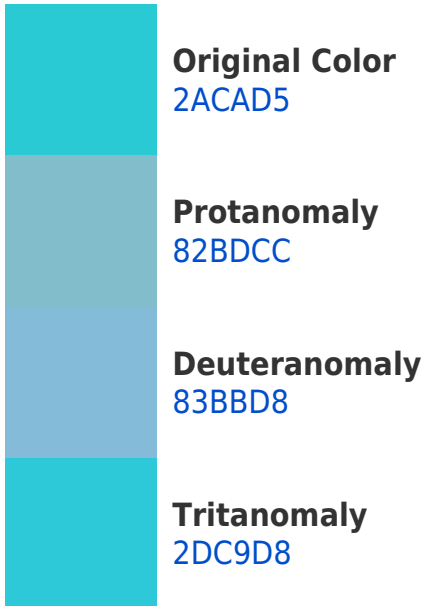
## Dichromacy



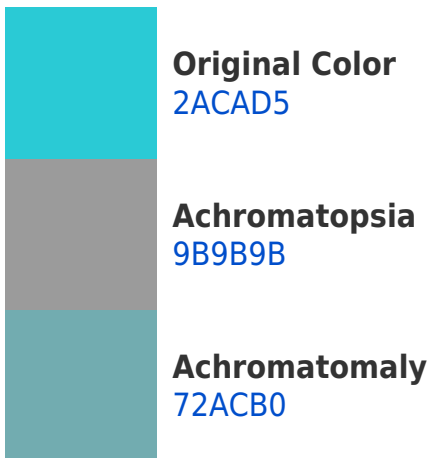


**Tritanopia**  
2FC9DA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2ACAD5 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 #2ACAD5 looks like.

```
.text, #text, p{  
    color:#2ACAD5  
}
```

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 #2ACAD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ACAD5
}
```

## Border

The CSS property to change the border of an element to Hex 2ACAD5 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
#2ACAD5 }
```

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

```
.border{ border-color:#2ACAD5 }
```

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

Here you see how a box with a 4 pixel #2ACAD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ACAD5; -webkit-box-shadow:4px 4px  
4px 4px #2ACAD5; box-shadow:4px 4px 4px  
4px #2ACAD5 }
```

# Background

The CSS property to change the background color of an element to Hex 2ACAD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ACAD5 }
```

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

```
.background{ background-color:#2ACAD5 }
```

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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