

# Converting Colors

Hex(ACD5D3)

Have a look what the booklet for  
Hex(ACD5D3) contains.

<b>Hex(ACD5D3)</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(ACD5D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACD5D3
RGB	172, 213, 211
RGB Percent	67%, 84%, 83%
CMY	0.3255, 0.1647, 0.1725
CMYK	0.19, 0.00, 0.01, 0.16
HSL	177°, 33%, 75%
HSV	177°, 19%, 84%
XYZ	52.5654, 61.0623, 70.6437
YIQ	200.5130, -23.7940, -9.3140

# Conversions

## Conversions Part 2

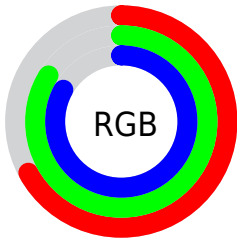
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 193, 213
Decimal	11326931
CIELab	82.41, -13.78, -3.47
CIELCh	82, 14.204, 194.120
Yxy	61.0623, 0.2853, 0.3314
Android (android.graphics.Color)	4289517011 (0xFFACD5D3)
YUV	200.5130, 5.1701, -25.0059
Hunter-Lab	78.1424, -16.6745, 1.0992

# Details

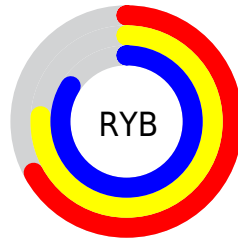
The Hex color **ACD5D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D5ACAE**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E4FFFF**, and **779E9D** is the 20% darker color. If you saturate the color by 10%, you get **97D5D2**, and if you desaturate by 10%, it is **C1D5D4**.

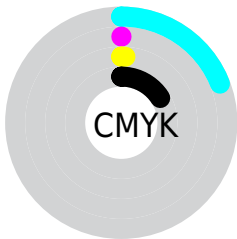
# Distribution



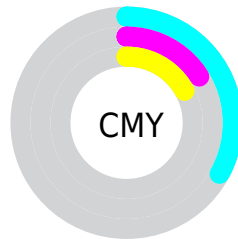
- Red (67%)
- Green (84%)
- Blue (83%)



- Red (67%)
- Yellow (76%)
- Blue (84%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACD5D3 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 ACD5D3 by changing the saturation by 10% instead.



■ ACD5D3

■ ACD5D3

FFFFFF

■ 91B9B7

■ E4FFFF

■ 779E9D

■ 5D8482

■ 456B69

■ 2D5351

■ 153B3A

■ 002525

■ 001010

■ 000000

 ACD5D3

 ACD5D3

 97D5D2

 C1D5D4

 81D5D1

 D7D5D5

 6CD5D0

 ECD5D6

 57D5CF

 FFD5D7

 42D5CE

 FFD5D8

 2CD5CD

 FFD5D9

 17D5CC

 FFD5DA

 02D5CB

 FFD5DB

 00D5CB

 FFD5DC

# Harmonies

## Analogous

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



B4D4C5



ACD5D3



ADD4DF

# Triad

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



ACD5D3



D7C8E0



DFCAB4

# Complementary

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



ACD5D3



D5ACAE

# 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.



E8C6BB



ACD5D3



E4C5D5

# Square

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



ACD5D3



C7CCE7



EAC4C7



D1CEB3

# Rectangle

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



ACD5D3



B3D2E5



EAC4C7



E2C8B5

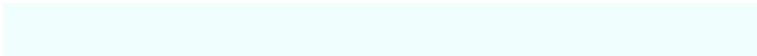


# Sweetspot

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



ACD5D3



F0FFFE



AED5AC



77807F



000000



808080



# Same Dimension

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



ACD5D3



C4FFFC



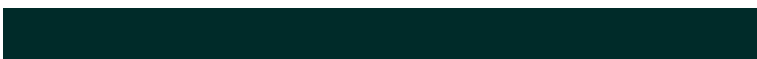
ACC3D5



606B6B



00ABA3



002B29



# Inverse Universe

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



D5ACAE



FFC4C7



D5BEAC



6B6061



AB0008

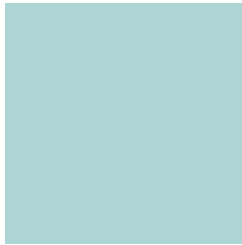


2B0002



# Previews

## White Background



This preview shows how the Hex color ACD5D3 looks on a white background.

## Color Contrast Check

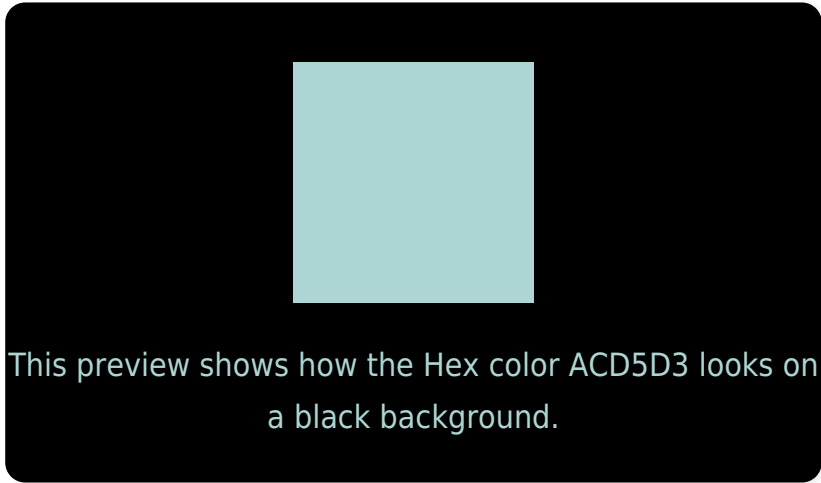
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

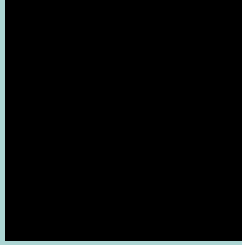
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

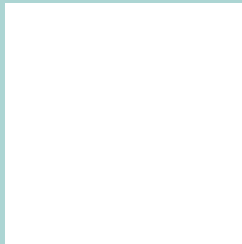
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACD5D3 Background



This preview shows how black text looks on a background with the Hex color ACD5D3.

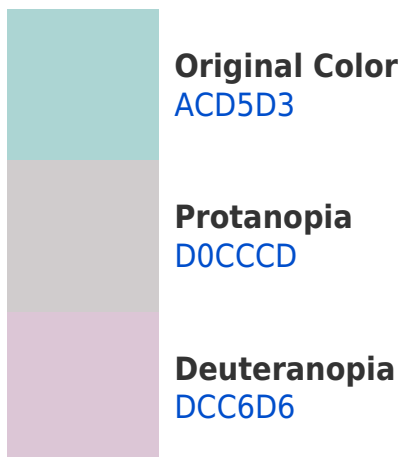


This preview shows how white text looks on a background with the Hex color ACD5D3.

# 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](#).

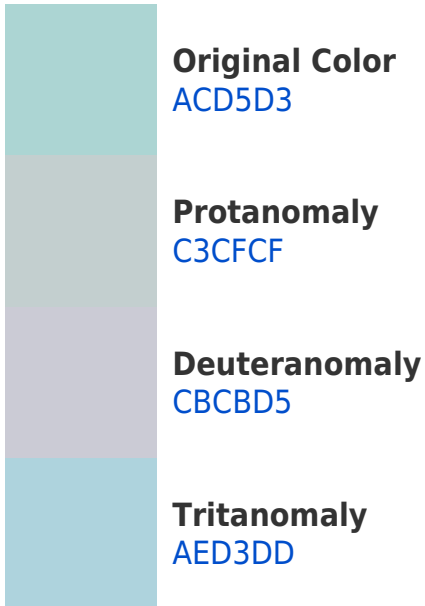
## Dichromacy



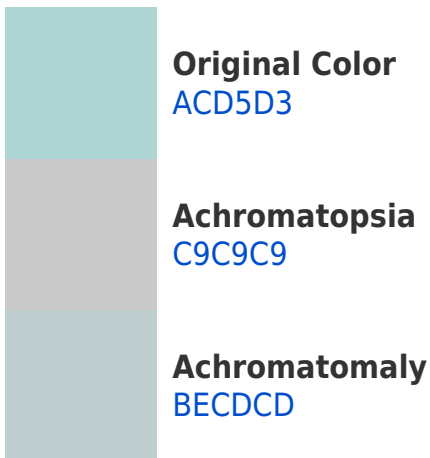


**Tritanopia**  
AFD2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACD5D3 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 #ACD5D3 looks like.

```
.text, #text, p{  
    color:#ACD5D3  
}
```

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 #ACD5D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACD5D3
}
```

## Border

The CSS property to change the border of an element to Hex ACD5D3 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
#ACD5D3 }
```

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

```
.border{ border-color:#ACD5D3 }
```

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

Here you see how a box with a 4 pixel #ACD5D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACD5D3; -webkit-box-shadow:4px 4px  
4px 4px #ACD5D3; box-shadow:4px 4px 4px  
4px #ACD5D3 }
```

# Background

The CSS property to change the background color of an element to Hex ACD5D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACD5D3 }
```

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

```
.background{ background-color:#ACD5D3 }
```

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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