

Converting Colors

Hex(4ACAE3)

Have a look what the booklet for
Hex(4ACAE3) contains.

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Color

Hex(4ACAE3)

Conversions

Conversions Part 1

Format	Color
Hex	4ACAE3
RGB	74, 202, 227
RGB Percent	29%, 79%, 89%
CMY	0.7098, 0.2078, 0.1098
CMYK	0.67, 0.11, 0.00, 0.11
HSL	190°, 73%, 59%
HSV	190°, 67%, 89%
XYZ	37.8097, 49.2430, 80.1851
YIQ	166.5780, -84.3130, -19.3610

Conversions

Conversions Part 2

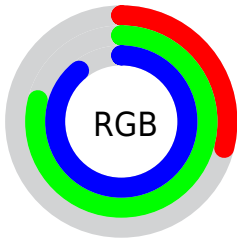
Format	Color
RYB	74, 144, 227
Decimal	4901603
CIELab	75.60, -27.11, -22.67
CIELCh	76, 35.343, 219.909
Yxy	49.2430, 0.2261, 0.2944
Android (android.graphics.Color)	4283091683 (0xFF4ACAE3)
YUV	166.5780, 29.7880, -81.1909
Hunter-Lab	70.1733, -26.6267, -18.6277

Details

The Hex color **4ACAE3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E3634A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8CFFFF**, and **0094AC** is the 20% darker color. If you saturate the color by 10%, you get **33C6E3**, and if you desaturate by 10%, it is **61CEE3**.

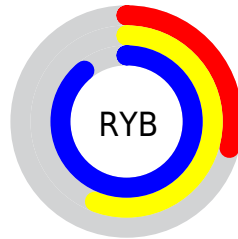
Distribution



Red (29%)

Green (79%)

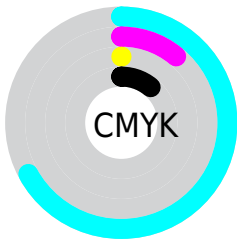
Blue (89%)



Red (29%)

Yellow (56%)

Blue (89%)

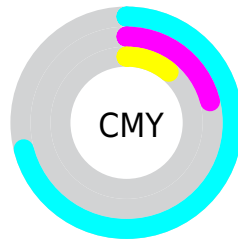


Cyan (67%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (71%)

Magenta (21%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ACAE3 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 4ACAE3 by changing the saturation by 10% instead.

 4ACAE3

FFFFFF

 8CFFFF

 AAFFFF

 C9FFFF

 E8FFFF

 4ACAE3

 1CAEC7

 0094AC

 007A91

 006077

 00485E

 003147

 001E30

 00011B

 000000

 4ACAE3

 4ACAE3

 33C6E3

 61CEE3

 1DC3E3

 77D1E3

 06BFE3

 8ED5E3

 00BEE3

 A5D9E3

 BCDDE3

 D2E0E3

 E9E4E3

 FFE8E3

 FFEBE3

Harmonies

Analogous

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



56CCC4



4ACAE3



6CC4F7

Triad

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



4ACAE3



ECA5D1



C6BC7A

Complementary

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



4ACAE3



E3634A

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.



E4B17E



4ACAE3



FAA2B0

Square

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



4ACAE3



CCAEEC



F7A792



A2C587

Rectangle

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



4ACAE3



8EBDFB



F7A792



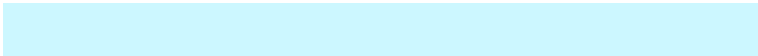
D1B879

Sweetspot

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



4ACAE3



CCF7FF



4AE361



617B80



000000



808080

Same Dimension

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



4ACAE3



30DDFF



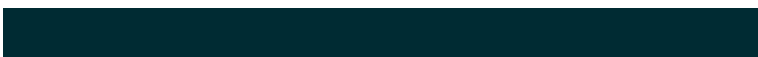
4A80E3



677173



0095B3



002B33

Inverse Universe

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



E34ACA



FF30DD



E3AD4A



736771



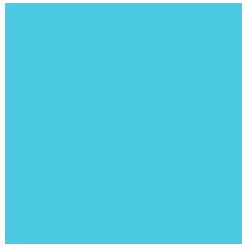
B30095



33002B

Previews

White Background



This preview shows how the Hex color 4ACAE3 looks on a white background.

Color Contrast Check

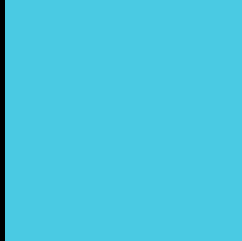
Large Text (above 18pt) WCAG AA × Fail

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 4ACAE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

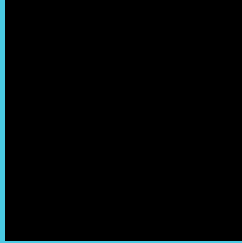
Any Text WCAG AA ✓ Pass

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 4ACAE3 Background



This preview shows how black text looks on a background with the Hex color 4ACAE3.

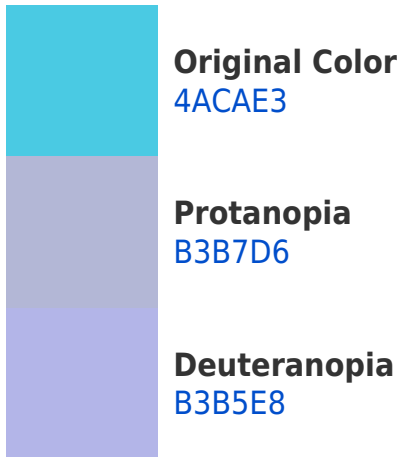


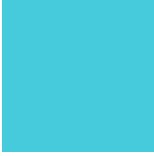
This preview shows how white text looks on a background with the Hex color 4ACAE3.

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
46CBDC

Trichromacy



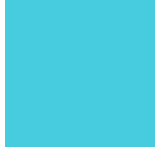
Original Color
4ACAE3



Protanomaly
8DBEDB



Deuteranomaly
8DBDE6



Tritanomaly
47CBDF

Monochromacy



Original Color
4ACAE3



Achromatopsia
A7A7A7



Achromatomaly
85B4BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 4ACAE3 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 #4ACAE3 looks like.

```
.text, #text, p{  
    color:#4ACAE3  
}
```

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 #4ACAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ACAE3
}
```

Border

The CSS property to change the border of an element to Hex 4ACAE3 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
#4ACAE3 }
```

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

```
.border{ border-color:#4ACAE3 }
```

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

Here you see how a box with a 4 pixel #4ACAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ACAE3; -webkit-box-shadow:4px 4px  
4px 4px #4ACAE3; box-shadow:4px 4px 4px  
4px #4ACAE3 }
```

Background

The CSS property to change the background color of an element to Hex 4ACAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ACAE3 }
```

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

```
.background{ background-color:#4ACAE3 }
```

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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