

Converting Colors

Hex(4AC5CE)

Have a look what the booklet for
Hex(4AC5CE) contains.

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Color

Hex(4AC5CE)

Conversions

Conversions Part 1

Format	Color
Hex	4AC5CE
RGB	74, 197, 206
RGB Percent	29%, 77%, 81%
CMY	0.7098, 0.2275, 0.1922
CMYK	0.64, 0.04, 0.00, 0.19
HSL	184°, 57%, 55%
HSV	184°, 64%, 81%
XYZ	33.9309, 45.8446, 65.4531
YIQ	161.2490, -76.1970, -23.2770

Conversions

Conversions Part 2

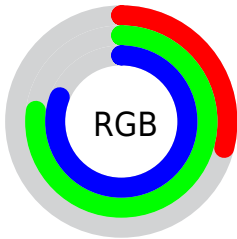
Format	Color
RYB	74, 138, 206
Decimal	4900302
CIELab	73.44, -30.84, -14.58
CIELCh	73, 34.113, 205.299
Yxy	45.8446, 0.2336, 0.3157
Android (android.graphics.Color)	4283090382 (0xFF4AC5CE)
YUV	161.2490, 22.0622, -76.5174
Hunter-Lab	67.7086, -29.0383, -9.9188

Details

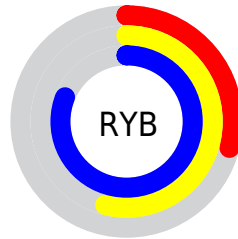
The Hex color **4AC5CE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE534A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **89FEFF**, and **008F98** is the 20% darker color. If you saturate the color by 10%, you get **35C4CE**, and if you desaturate by 10%, it is **5FC6CE**.

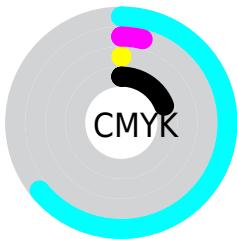
Distribution



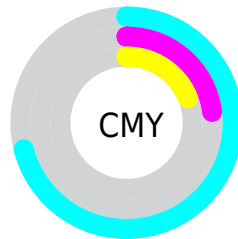
- Red (29%)
- Green (77%)
- Blue (81%)



- Red (29%)
- Yellow (54%)
- Blue (81%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AC5CE 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 4AC5CE by changing the saturation by 10% instead.

 4AC5CE

 4AC5CE

FFFFFF

 21A9B3

 89FEFF

 008F98

 A7FFFF

 00757E

 C5FFFF

 005C65

 E4FFFF

 00444D

 002D36

 001621

 000008

 000000

 4AC5CE

 4AC5CE

 35C4CE

 5FC6CE

 21C2CE

 73C8CE

 0CC1CE

 88C9CE

 00C0CE

 9CCBCE

 B1CCCE

 C6CDCE

 DACFCE

 EFD0CE

 FFD2CE

Harmonies

Analogous

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



65C5AE



4AC5CE



56C1E7

Triad

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



4AC5CE



D8A3D8



CEB176

Complementary

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



4AC5CE



CE534A

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.



E7A682



4AC5CE



EE9DBB

Square

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



4AC5CE



B2AEED



F29E9B



AEBB7B

Rectangle

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



4AC5CE



72BCF0



F29E9B



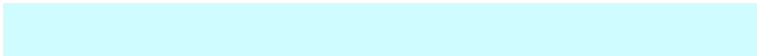
D8AD78

Sweetspot

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



4AC5CE



CFFCFF



4ACE53



627E80



000000



808080

Same Dimension

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



4AC5CE



3BF2FF



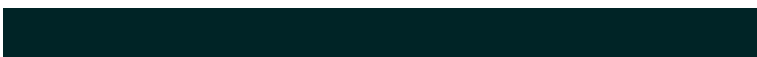
4A83CE



5C6566



009AA6



002426

Inverse Universe

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



CE4AC5



FF3BF2



CE954A



665C65



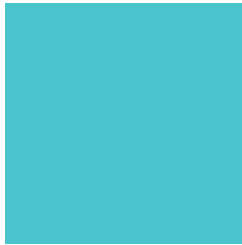
A6009A



260024

Previews

White Background



This preview shows how the Hex color 4AC5CE looks on a white background.

Color Contrast Check

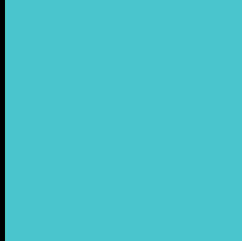
Large Text (above 18pt) WCAG AA × Fail

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 4AC5CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

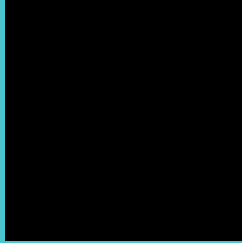
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

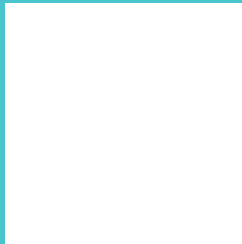
Any Text WCAG AAA ✓ Pass

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

Hex 4AC5CE Background



This preview shows how black text looks on a background with the Hex color 4AC5CE.

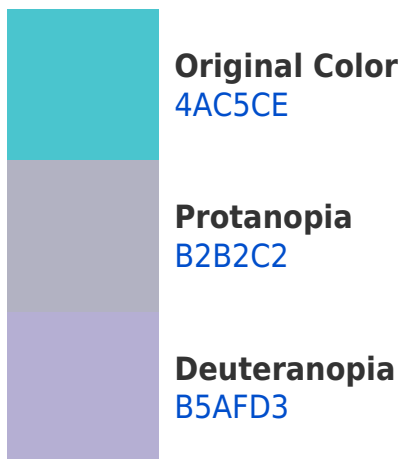


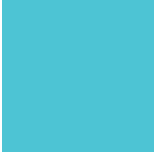
This preview shows how white text looks on a background with the Hex color 4AC5CE.

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](#).

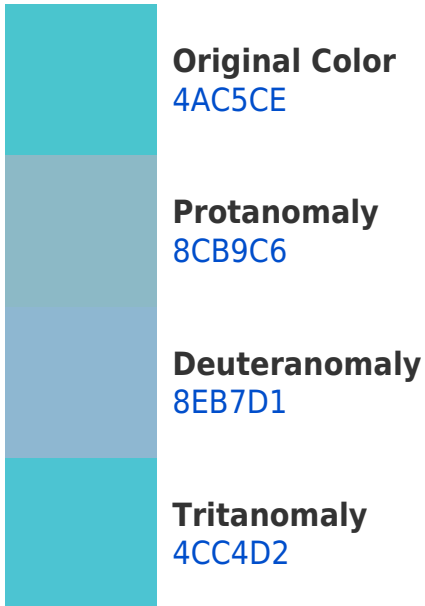
Dichromacy



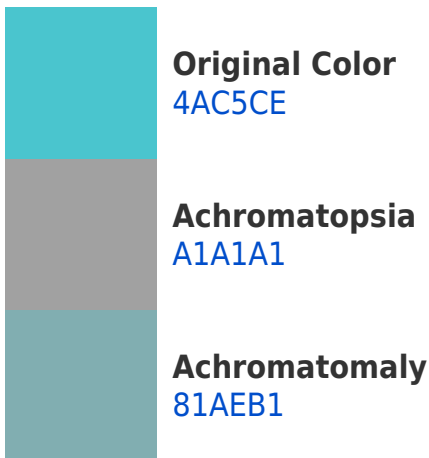


Tritanopia
4DC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AC5CE 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 #4AC5CE looks like.

```
.text, #text, p{  
    color:#4AC5CE  
}
```

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 #4AC5CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC5CE
}
```

Border

The CSS property to change the border of an element to Hex 4AC5CE 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
#4AC5CE }
```

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

```
.border{ border-color:#4AC5CE }
```

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

Here you see how a box with a 4 pixel #4AC5CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC5CE; -webkit-box-shadow:4px 4px  
4px 4px #4AC5CE; box-shadow:4px 4px 4px  
4px #4AC5CE }
```

Background

The CSS property to change the background color of an element to Hex 4AC5CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC5CE }
```

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

```
.background{ background-color:#4AC5CE }
```

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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