

Converting Colors

Hex(3AC9DD)

Have a look what the booklet for
Hex(3AC9DD) contains.

Hex(3AC9DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3AC9DD)

Conversions

Conversions Part 1

Format	Color
Hex	3AC9DD
RGB	58, 201, 221
RGB Percent	23%, 79%, 87%
CMY	0.7725, 0.2118, 0.1333
CMYK	0.74, 0.09, 0.00, 0.13
HSL	187°, 71%, 55%
HSV	187°, 74%, 87%
XYZ	35.6827, 47.8933, 75.7703
YIQ	160.5230, -91.6480, -24.0960

Conversions

Conversions Part 2

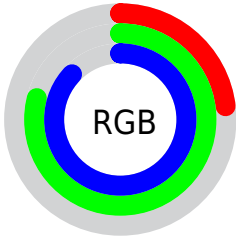
Format	Color
RYB	58, 134, 221
Decimal	3852765
CIELab	74.76, -30.50, -20.75
CIELCh	75, 36.890, 214.234
Yxy	47.8933, 0.2239, 0.3006
Android (android.graphics.Color)	4282042845 (0xFF3AC9DD)
YUV	160.5230, 29.8152, -89.9127
Hunter-Lab	69.2050, -29.0725, -16.4712




Details

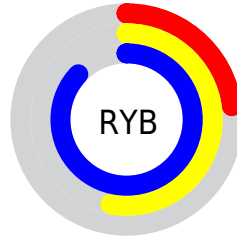
The Hex color **3AC9DD** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD4E3A**, and the grayscale version is **A0A0A0**.




A 20% lighter version of the original color is **80FFFF**, and **0093A6** is the 20% darker color. If you saturate the color by 10%, you get **24C6DD**, and if you desaturate by 10%, it is **50CCDD**.

Distribution







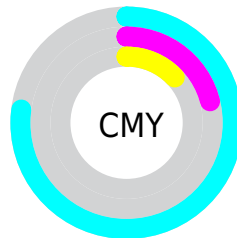
-  Red (23%)
-  Green (79%)
-  Blue (87%)






-  Red (23%)
-  Yellow (53%)
-  Blue (87%)



-  Cyan (74%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (77%)
-  Magenta (21%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC9DD 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 3AC9DD by changing the saturation by 10% instead.

 3AC9DD

 3AC9DD

FFFFFF

 00ADC1

 80FFFF

 0093A6

 A0FFFF

 00788C

 BFFFFFF

 005F72


 DEFFFF

 004759

 FDFFFF

 003042

 001B2C

 000117

 000000

 3AC9DD

 3AC9DD

 24C6DD

 50CCDD

 0EC4DD

 66CEDD

 00C2DD

 7CD1DD

 92D4DD

 A9D7DD

 BFD9DD

 D5DCDD

 EBDFFD

 FFE1DD

Harmonies

Analogous

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



53CABC



3AC9DD



5AC3F4

Triad

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



3AC9DD



E7A3D6



CAB774

Complementary

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



3AC9DD



DD4E3A

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.



E7AC7C



3AC9DD



F99EB4

Square

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



3AC9DD



C3ADF0



F8A293



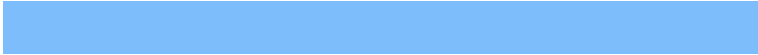
A6C17F

Rectangle

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



3AC9DD



7EBDFB



F8A293



D5B474

Sweetspot

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



3AC9DD



C7F8FF



3ADD4D



5E7B80



000000



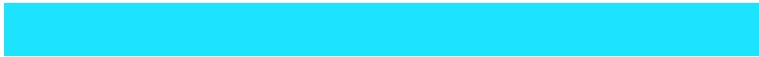
808080

Same Dimension

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



3AC9DD



1CE3FF



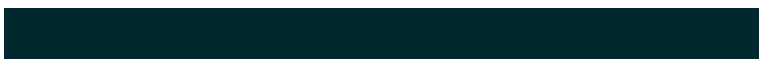
3A78DD



636C6E



0098AD



00282E

Inverse Universe

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



DD3AC9



FF1CE3



DD9F3A



6E636C



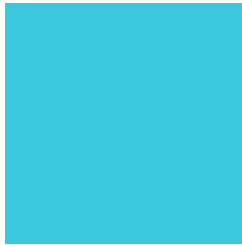
AD0098



2E0028

Previews

White Background



This preview shows how the Hex color 3AC9DD looks on a white background.

Color Contrast Check

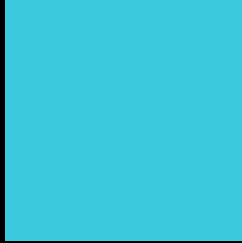
Large Text (above 18pt) WCAG AA × Fail

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 3AC9DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

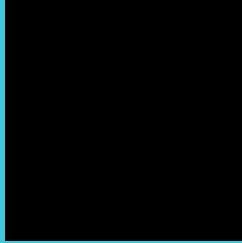
Any Text WCAG AA ✓ Pass

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 3AC9DD Background



This preview shows how black text looks on a background with the Hex color 3AC9DD.

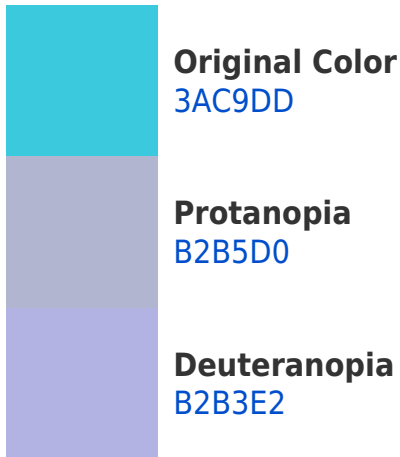


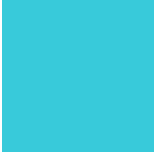
This preview shows how white text looks on a background with the Hex color 3AC9DD.

Color Blindness Simulation

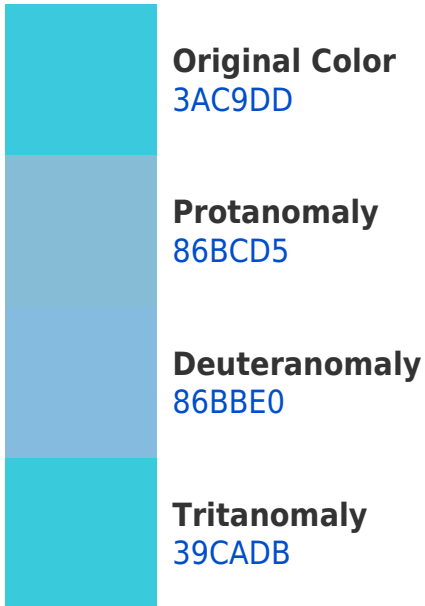
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

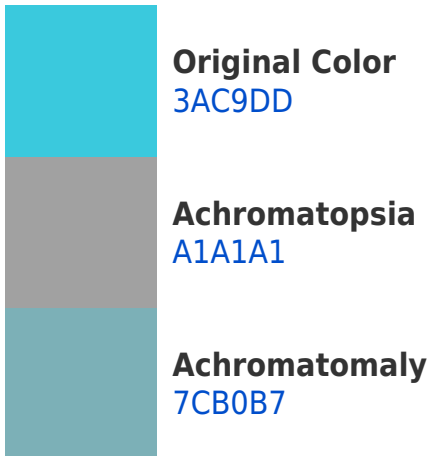




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC9DD 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 #3AC9DD looks like.

```
.text, #text, p{  
    color:#3AC9DD  
}
```

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 #3AC9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC9DD
}
```

Border

The CSS property to change the border of an element to Hex 3AC9DD 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
#3AC9DD }
```

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

```
.border{ border-color:#3AC9DD }
```

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

Here you see how a box with a 4 pixel #3AC9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC9DD; -webkit-box-shadow:4px 4px  
4px 4px #3AC9DD; box-shadow:4px 4px 4px  
4px #3AC9DD }
```

Background

The CSS property to change the background color of an element to Hex 3AC9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC9DD }
```

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

```
.background{ background-color:#3AC9DD }
```

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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