

Converting Colors

Hex(4AA7DB)

Have a look what the booklet for
Hex(4AA7DB) contains.

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Color

Hex(4AA7DB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 4AA7DB |
| RGB | 74, 167, 219 |
| RGB Percent | 29%, 65%, 86% |
| CMY | 0.7098, 0.3451, 0.1412 |
| CMYK | 0.66, 0.24, 0.00, 0.14 |
| HSL | 202°, 67%, 57% |
| HSV | 202°, 66%, 86% |
| XYZ | 29.4289, 34.2078, 72.0695 |
| YIQ | 145.1210, -72.1200, -3.5440 |

Conversions

Conversions Part 2

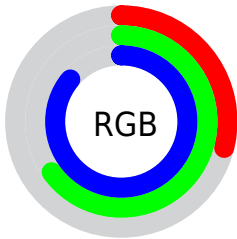
| Format | Color |
|-------------------------------------|-------------------------------------------------|
| RYB | 74, 131, 219 |
| Decimal | 4892635 |
| CIELab | 65.13, -11.43, -34.42 |
| CIELCh | 65, 36.271, 251.636 |
| Yxy | 34.2078, 0.2169, 0.2521 |
| Android (android.graphics.Color) | 4283082715 (0xFF4AA7DB) |
| YUV | 145.1210, 36.4223, -62.3731 |
| Hunter-Lab | 58.4874, -12.5376, -32.1173 |

Details

The Hex color **4AA7DB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **DB7E4A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **89DEFF**, and **0073A4** is the 20% darker color. If you saturate the color by 10%, you get **349FDB**, and if you desaturate by 10%, it is **60AFDB**.

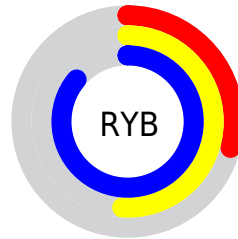
Distribution



Red (29%)

Green (65%)

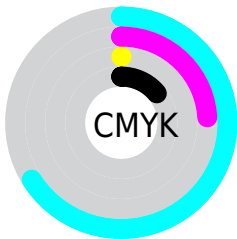
Blue (86%)



Red (29%)

Yellow (51%)

Blue (86%)

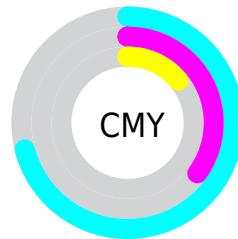


Cyan (66%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (71%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AA7DB 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 4AA7DB by changing the saturation by 10% instead.

■ 4AA7DB

■ 4AA7DB

FFFFFF

■ 228DBF

■ 89DEFF

■ 0073A4

■ A6FBFF

■ 005B89

■ C4FFFF

■ 004370

■ E3FFFF

■ 002D57

■ 001A3F

■ 000329

■ 000113

■ 000000

■ 4AA7DB

■ 4AA7DB

■ 349FDB

■ 60AFDB

■ 1E97DB

■ 76B7DB

■ 088FDB

■ 8CBFDB

■ 008CDB

■ A2C6DB

■ B7CEDB

■ CDD6DB

■ E3DEDB

■ F9E6DB

■ FFEEDB

Harmonies

Analogous

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



07ADC8



4AA7DB



849DDD

Triad

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



4AA7DB



DD8592



83A96C

Complementary

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



4AA7DB



DB7E4A

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.



A7A05D



4AA7DB



D88B74

Square

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



4AA7DB



D187B3



C49561



5AAE89

Rectangle

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



4AA7DB



A495D5



C49561



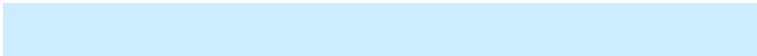
90A666

Sweetspot

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



4AA7DB



CCEDFF



4ADB7D



617580



000000



808080

Same Dimension

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



4AA7DB



36B7FF



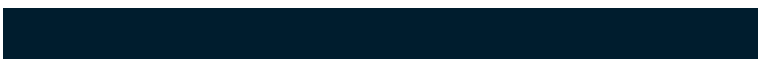
4A60DB



636A6E



006FAD



001D2E

Inverse Universe

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



DB4AA7



FF36B7



DBC54A



6E636A



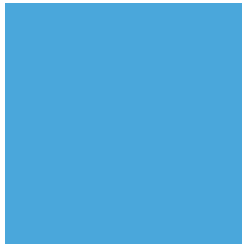
AD006F



2E001D

Previews

White Background



This preview shows how the Hex color 4AA7DB 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 4AA7DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

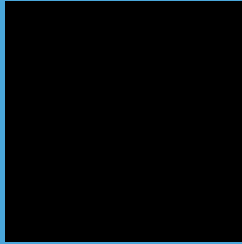
Any Text WCAG AA ✓ Pass

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 4AA7DB Background



This preview shows how black text looks on a background with the Hex color 4AA7DB.

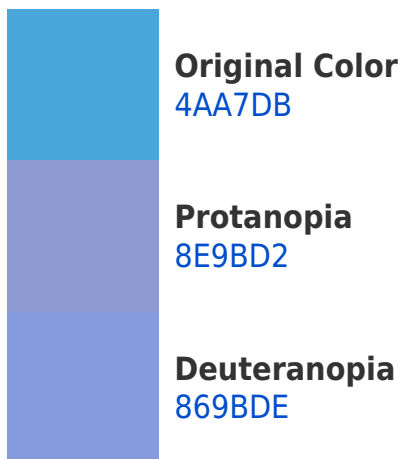


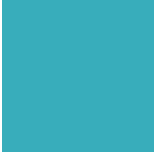
This preview shows how white text looks on a background with the Hex color 4AA7DB.

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](#).

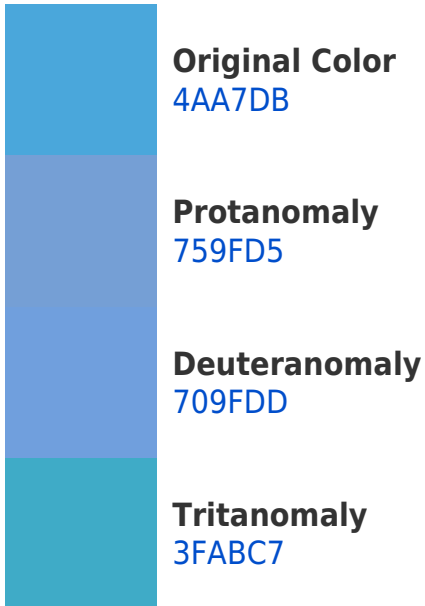
Dichromacy



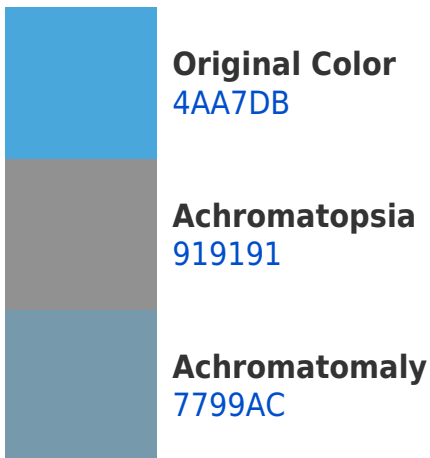


Tritanopia
38ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA7DB 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 #4AA7DB looks like.

```
.text, #text, p{  
    color:#4AA7DB  
}
```

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 #4AA7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA7DB  
}
```

Border

The CSS property to change the border of an element to Hex 4AA7DB 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  
#4AA7DB }
```

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

```
.border{ border-color:#4AA7DB }
```

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

Here you see how a box with a 4 pixel #4AA7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA7DB; -webkit-box-shadow:4px 4px  
4px 4px #4AA7DB; box-shadow:4px 4px 4px  
4px #4AA7DB }
```

Background

The CSS property to change the background color of an element to Hex 4AA7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA7DB }
```

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

```
.background{ background-color:#4AA7DB }
```

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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