

Converting Colors

Hex(4AABE3)

Have a look what the booklet for
Hex(4AABE3) contains.

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Color

Hex(4AABE3)

Conversions

Conversions Part 1

Format	Color
Hex	4AABE3
RGB	74, 171, 227
RGB Percent	29%, 67%, 89%
CMY	0.7098, 0.3294, 0.1098
CMYK	0.67, 0.25, 0.00, 0.11
HSL	202°, 73%, 59%
HSV	202°, 67%, 89%
XYZ	31.2521, 36.1277, 77.9992
YIQ	148.3810, -75.7880, -3.1480

Conversions

Conversions Part 2

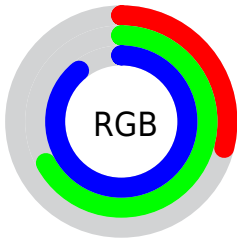
Format	Color
RYB	74, 133, 227
Decimal	4893667
CIELab	66.62, -11.01, -36.51
CIELCh	67, 38.132, 253.225
Yxy	36.1277, 0.2150, 0.2485
Android (android.graphics.Color)	4283083747 (0xFF4AABE3)
YUV	148.3810, 38.7592, -65.2321
Hunter-Lab	60.1063, -12.3756, -34.8654

Details

The Hex color **4AABE3** 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 **E3824A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8AE2FF**, and **0077AB** is the 20% darker color. If you saturate the color by 10%, you get **33A3E3**, and if you desaturate by 10%, it is **61B3E3**.

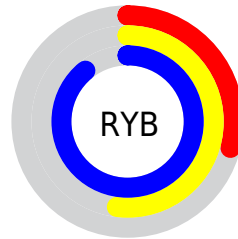
Distribution



Red (29%)

Green (67%)

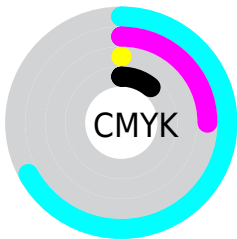
Blue (89%)



Red (29%)

Yellow (52%)

Blue (89%)

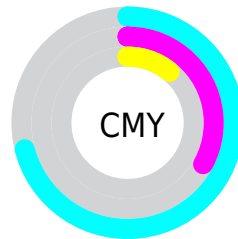


Cyan (67%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (71%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AABE3 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 4AABE3 by changing the saturation by 10% instead.

■ 4AABE3

■ 4AABE3

FFFFFF

■ 2091C7

■ 8AE2FF

■ 0077AB

■ A8FFFF

■ 005E91

■ C6FFFF

■ 004777

■ E4FFFF

■ 00315E

■ 001D46

■ 00042F

■ 000119

■ 000000

■ 4AABE3

■ 4AABE3

■ 33A3E3

■ 61B3E3

■ 1D9AE3

■ 77BCE3

■ 0692E3

■ 8EC4E3

■ 0090E3

■ A5CCE3

■ BCD5E3

■ D2DDE3

■ E9E5E3

■ FFEDE3

■ FFF6E3

Harmonies

Analogous

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



00B2D0



4AABE3



89A0E5

Triad

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



4AABE3



E58794



83AE6F

Complementary

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



4AABE3



E3824A

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.



A9A55E



4AABE3



DE8E75

Square

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



4AABE3



D98AB7



C99961



57B38D

Rectangle

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



4AABE3



AB98DB



C99961



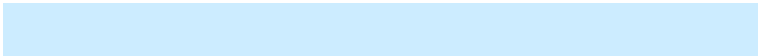
91AB67

Sweetspot

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



4AABE3



CCECFE



4AE380



617480



000000



808080

Same Dimension

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



4AABE3



30B3FF



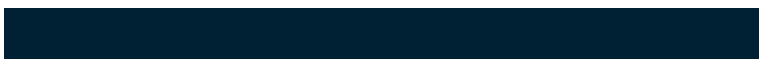
4A61E3



676F73



0071B3



002033

Inverse Universe

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



E34AAB



FF30B3



E3CC4A



73676F



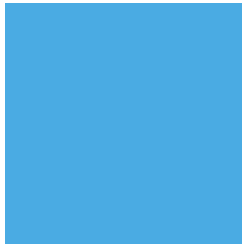
B30071



330020

Previews

White Background



This preview shows how the Hex color 4AABE3 looks on a white background.

Color Contrast Check

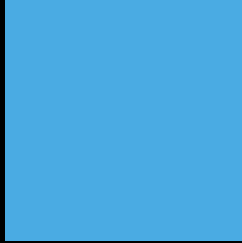
Large Text (above 18pt) WCAG AA × Fail

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 4AABE3 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

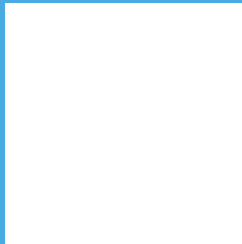
Any Text WCAG AAA ✓ Pass

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

Hex 4AABE3 Background



This preview shows how black text looks on a background with the Hex color 4AABE3.

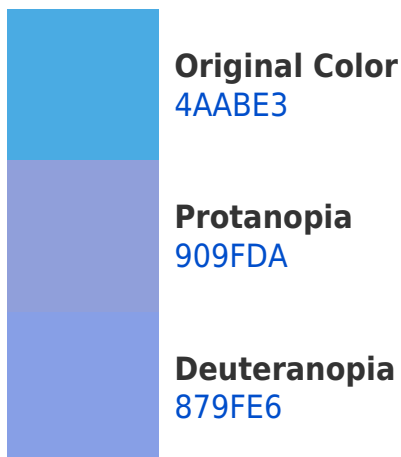


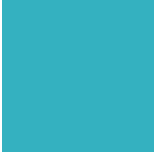
This preview shows how white text looks on a background with the Hex color 4AABE3.

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](#).

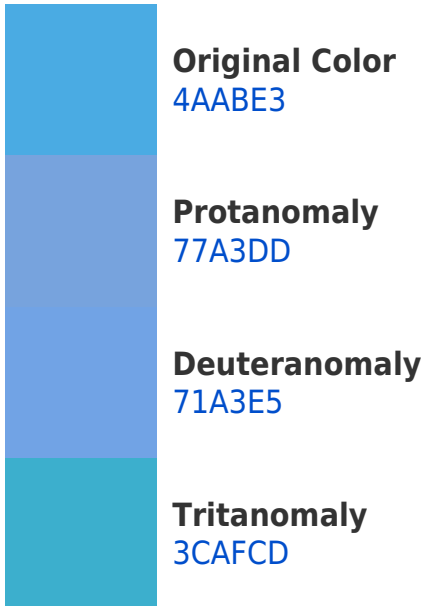
Dichromacy



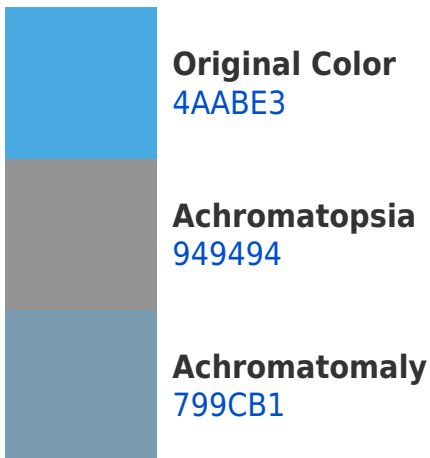


Tritanopia
34B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AABE3 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 #4AABE3 looks like.

```
.text, #text, p{  
    color:#4AABE3  
}
```

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 #4AABE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AABE3
}
```

Border

The CSS property to change the border of an element to Hex 4AABE3 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
#4AABE3 }
```

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

```
.border{ border-color:#4AABE3 }
```

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

Here you see how a box with a 4 pixel #4AABE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AABE3; -webkit-box-shadow:4px 4px  
4px 4px #4AABE3; box-shadow:4px 4px 4px  
4px #4AABE3 }
```

Background

The CSS property to change the background color of an element to Hex 4AABE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AABE3 }
```

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

```
.background{ background-color:#4AABE3 }
```

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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