

Converting Colors

Hex(4AAEBC)

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

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Color

Hex(4AAEBC)

Conversions

Conversions Part 1

Format	Color
Hex	4AAEBC
RGB	74, 174, 188
RGB Percent	29%, 68%, 74%
CMY	0.7098, 0.3176, 0.2627
CMYK	0.61, 0.07, 0.00, 0.26
HSL	187°, 46%, 51%
HSV	187°, 61%, 74%
XYZ	27.0372, 35.3588, 52.9769
YIQ	145.6960, -64.0940, -16.8460

Conversions

Conversions Part 2

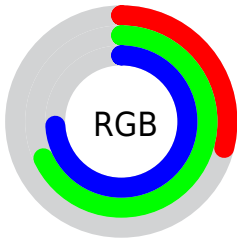
Format	Color
RYB	74, 127, 188
Decimal	4894396
CIELab	66.03, -24.73, -15.88
CIELCh	66, 29.388, 212.702
Yxy	35.3588, 0.2343, 0.3065
Android (android.graphics.Color)	4283084476 (0xFF4AAEBC)
YUV	145.6960, 20.8559, -62.8774
Hunter-Lab	59.4633, -22.8990, -11.1982

Details

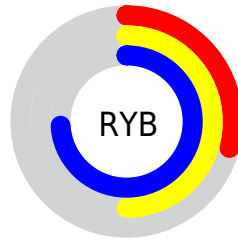
The Hex color **4AAEBC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BC584A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **86E6F4**, and **007987** is the 20% darker color. If you saturate the color by 10%, you get **37ACBC**, and if you desaturate by 10%, it is **5DB0BC**.

Distribution



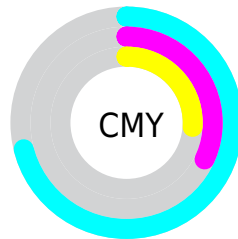
- Red (29%)
- Green (68%)
- Blue (74%)



- Red (29%)
- Yellow (50%)
- Blue (74%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (71%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

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

■ 4AAEBC

■ 4AAEBC

FFFFFF

■ 2793A1

■ 86E6F4

■ 007987

■ A3FFFF

■ 00606D

■ C0FFFF

■ 004855

■ DEFFFF

■ 00313E

■ FCFFFF

■ 001E28

■ 000113

■ 000000

■ 4AAEBC

■ 4AAEBC

■ 37ACBC

■ 5DB0BC

■ 24A9BC

■ 70B3BC

■ 12A7BC

■ 82B5BC

■ 00A5BC

■ 95B7BC

■ A8BABC

■ BBBCBC

■ CEBEBC

■ E0C0BC

■ F3C3BC

Harmonies

Analogous

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



58AFA2



4AAEBC



5CAACF

Triad

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



4AAEBC



C490B9



B1A06C

Complementary

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



4AAEBC



BC584A

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.



C79772



4AAEBC



D38D9F

Square

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



4AAEBC



A799CD



D48F85



94A773

Rectangle

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



4AAEBC



74A5D4



D48F85



B99D6C

Sweetspot

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



4AAEBC



C9EFF5



4ABC57



5F777A



FAFAFA



7A7A7A

Same Dimension

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



4AAEBC



42DFF5



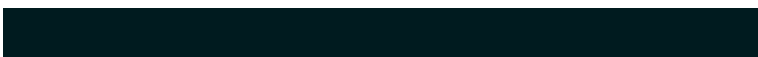
4A76BC



555D5E



008B9E



001B1F

Inverse Universe

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



BC4AAE



F542DF



BC904A



5E555D



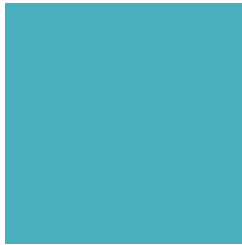
9E008B



1F001B

Previews

White Background



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

Color Contrast Check

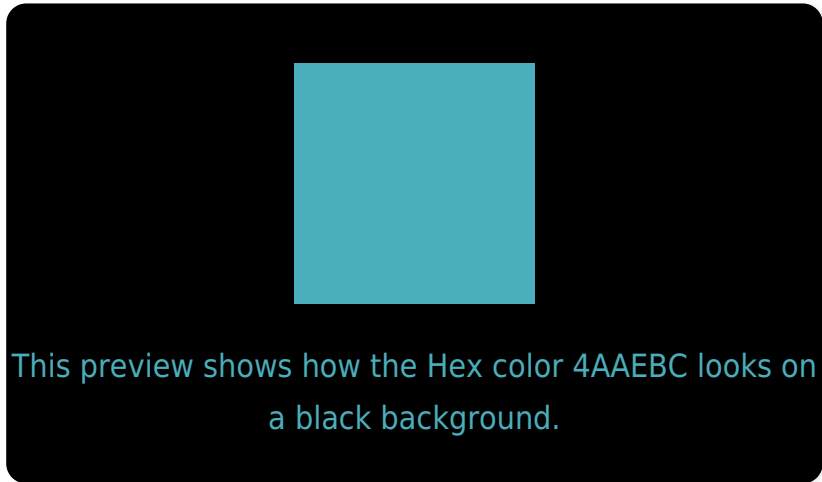
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

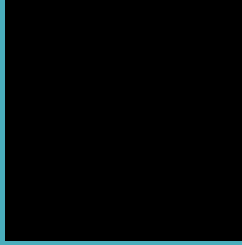
Any Text WCAG AA ✓ Pass

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 4AAEBC Background



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

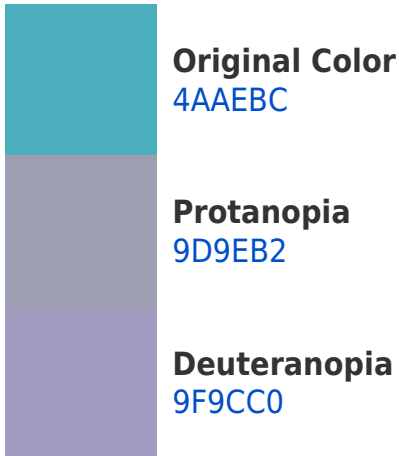


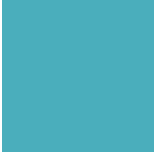
This preview shows how white text looks on a background with the Hex color 4AAEBC.

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](#).

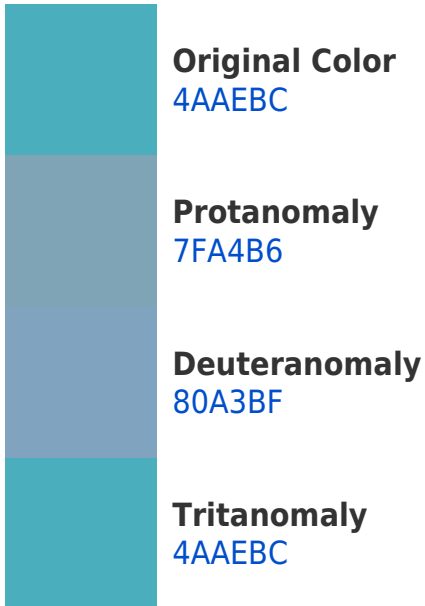
Dichromacy





Tritanopia
4AAEBC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4AAEBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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