

Converting Colors

Hex(3AAEAE)

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

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Color

Hex(3AAEAE)

Conversions

Conversions Part 1

Format	Color
Hex	3AAEAE
RGB	58, 174, 174
RGB Percent	23%, 68%, 68%
CMY	0.7725, 0.3176, 0.3176
CMYK	0.67, 0.00, 0.00, 0.32
HSL	180°, 50%, 45%
HSV	180°, 67%, 68%
XYZ	24.5210, 34.2276, 45.3586
YIQ	139.3160, -69.1360, -24.5920

Conversions

Conversions Part 2

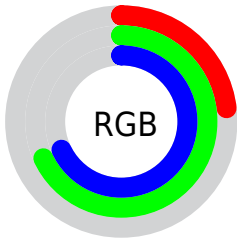
Format	Color
RYB	58, 116, 174
Decimal	3845806
CIELab	65.14, -31.45, -9.47
CIELCh	65, 32.848, 196.753
Yxy	34.2276, 0.2355, 0.3288
Android (android.graphics.Color)	4282035886 (0xFF3AAEAE)
YUV	139.3160, 17.0992, -71.3141
Hunter-Lab	58.5044, -27.5679, -5.0146

Details

The Hex color **3AAEAE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE3A3A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **79E6E5**, and **00797A** is the 20% darker color. If you saturate the color by 10%, you get **29AEAE**, and if you desaturate by 10%, it is **4BAEAE**.

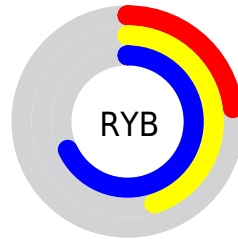
Distribution



Red (23%)

Green (68%)

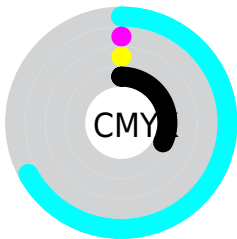
Blue (68%)



Red (23%)

Yellow (45%)

Blue (68%)

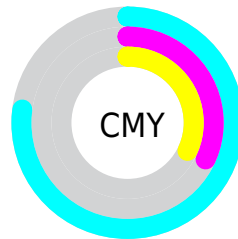


Cyan (67%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (77%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

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

■ 3AAEAE

■ 3AAEAE

FFFFFF

■ 089393

■ 79E6E5

■ 00797A

■ 96FFFF

■ 006061

■ B4FFFF

■ 004749

■ D1FFFF

■ 003033

■ EFFFFFF

■ 001B1E

■ 000003

■ 000000

■ 3AAEAE

■ 3AAEAE

29AEAE

4BAEAE

17AEAE

5DAEAE

06AEAE

6EAEAE

00AEAE

80AEAE

91AEAE

A2AEAE

B4AEAE

C5AEAE

D7AEAE

Harmonies

Analogous

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



5CAD90



3AAEAE



38ABC8

Triad

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



3AAEAE



B691C7



BE9865

Complementary

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



3AAEAE



AE3A3A

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.



D18E75



3AAEAE



CF89AC

Square

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



3AAEAE



8F9BD6



D8888F



A1A265

Rectangle

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



3AAEAE



51A7D3



D8888F



C59469

Sweetspot

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



3AAEAE



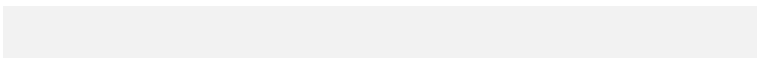
B6E3E3



3AAE3A



577373



F2F2F2



737373

Same Dimension

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



3AAEAE



2DE3E3



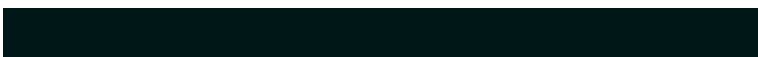
3A74AE



4E5757



009696



001717

Inverse Universe

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



AE3AAE



E32DE3



AE743A



574E57



960096



170017

Previews

White Background



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

Color Contrast Check

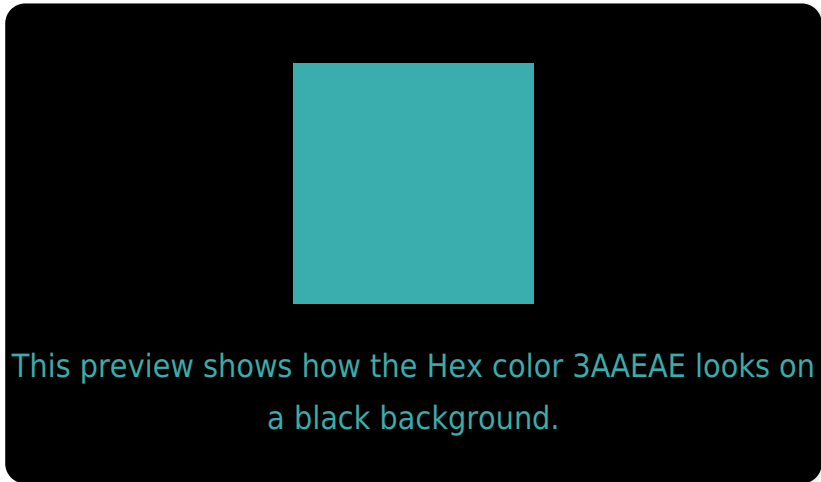
Large Text (above 18pt) WCAG AA × Fail

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

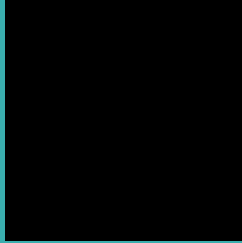
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

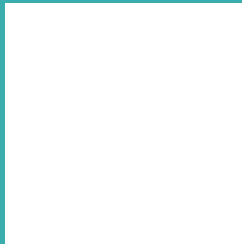
Any Text WCAG AAA ✓ Pass

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

Hex 3AAEAE Background



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



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

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



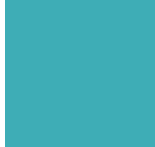
Original Color
3AAEAE



Protanomaly
7AA3A7



Deuteranomaly
7CA1B1



Tritanomaly
3EADB6

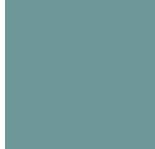
Monochromacy



Original Color
3AAEAE



Achromatopsia
8B8B8B



Achromatomaly
6E9898

CSS Examples

Text

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

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

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 #3AAEAE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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