

Converting Colors

Hex(3AA5AE)

Have a look what the booklet for
Hex(3AA5AE) contains.

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Color

Hex(3AA5AE)

Conversions

Conversions Part 1

Format	Color
Hex	3AA5AE
RGB	58, 165, 174
RGB Percent	23%, 65%, 68%
CMY	0.7725, 0.3529, 0.3176
CMYK	0.67, 0.05, 0.00, 0.32
HSL	185°, 50%, 45%
HSV	185°, 67%, 68%
XYZ	22.8400, 30.8658, 44.7983
YIQ	134.0330, -66.6610, -19.8850

Conversions

Conversions Part 2

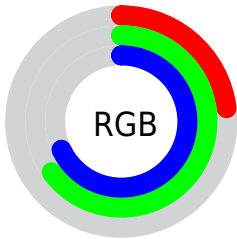
Format	Color
RYB	58, 114, 174
Decimal	3843502
CIELab	62.39, -27.05, -13.59
CIELCh	62, 30.274, 206.673
Yxy	30.8658, 0.2319, 0.3133
Android (android.graphics.Color)	4282033582 (0xFF3AA5AE)
YUV	134.0330, 19.7037, -66.6809
Hunter-Lab	55.5570, -23.8416, -8.9185

Details

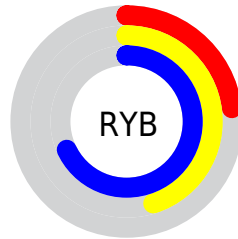
The Hex color **3AA5AE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE433A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **78DCE5**, and **00717A** is the 20% darker color. If you saturate the color by 10%, you get **29A4AE**, and if you desaturate by 10%, it is **4BA6AE**.

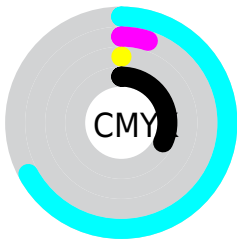
Distribution



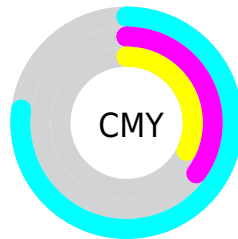
- Red (23%)
- Green (65%)
- Blue (68%)



- Red (23%)
- Yellow (45%)
- Blue (68%)



- Cyan (67%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (77%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA5AE 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 3AA5AE by changing the saturation by 10% instead.



3AA5AE



3AA5AE

FFFFFF



0C8A93



78DCE5



00717A



95F9FF



005861



B2FFFF



004049



D0FFFF



002933



EEEFFF



00111E



000001



000000



3AA5AE



3AA5AE

■ 29A4AE

■ 4BA6AE

■ 17A2AE

■ 5DA8AE

■ 06A1AE

■ 6EA9AE

■ 00A1AE

■ 80AAAE

■ 91ACAE

■ A2ADAE

■ B4AEAE

■ C5B0AE

■ D7B1AE

Harmonies

Analogous

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



51A593



3AA5AE



47A1C3

Triad

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



3AA5AE



B688B5



AC9461

Complementary

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



3AA5AE



AE433A

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.



C18B6B



3AA5AE



C8839B

Square

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



3AA5AE



9691C7



CC8480



909D66

Rectangle

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



3AA5AE



609DCB



CC8480



B49163

Sweetspot

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



3AA5AE



B6DFE3



3AAE42



577173



F2F2F2



737373

Same Dimension

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



3AA5AE



2DD5E3



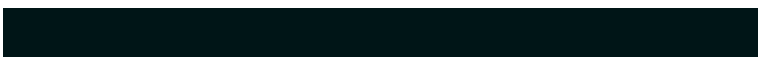
3A6CAE



4E5657



008B96



001517

Inverse Universe

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



AE3AA5



E32DD5



AE7C3A



574E56



96008B



170015

Previews

White Background



This preview shows how the Hex color 3AA5AE looks on a white background.

Color Contrast Check

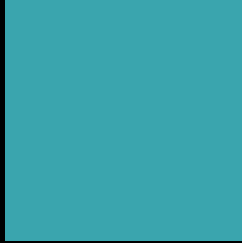
Large Text (above 18pt) WCAG AA × Fail

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 3AA5AE 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 3AA5AE Background



This preview shows how black text looks on a background with the Hex color 3AA5AE.

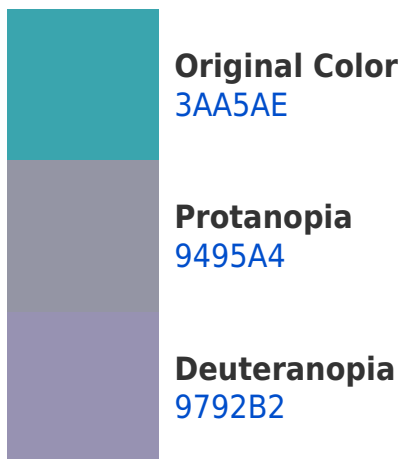


This preview shows how white text looks on a background with the Hex color 3AA5AE.

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



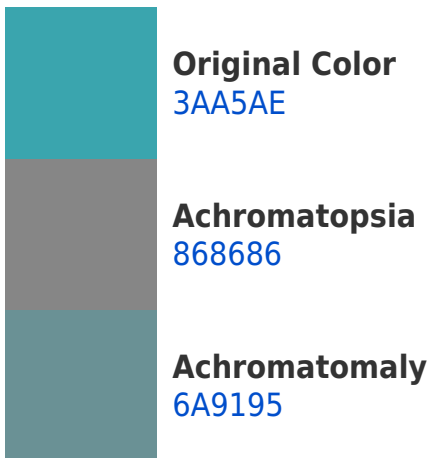


Tritanopia
3CA4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA5AE 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 #3AA5AE looks like.

```
.text, #text, p{  
    color:#3AA5AE  
}
```

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 #3AA5AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA5AE
}
```

Border

The CSS property to change the border of an element to Hex 3AA5AE 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
#3AA5AE }
```

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

```
.border{ border-color:#3AA5AE }
```

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

Here you see how a box with a 4 pixel #3AA5AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA5AE; -webkit-box-shadow:4px 4px  
4px 4px #3AA5AE; box-shadow:4px 4px 4px  
4px #3AA5AE }
```

Background

The CSS property to change the background color of an element to Hex 3AA5AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA5AE }
```

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

```
.background{ background-color:#3AA5AE }
```

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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