

Converting Colors

Hex(3AAFAA)

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

Hex(3AAFAA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3AAFAA)

Conversions

Conversions Part 1

Format	Color
Hex	3AAFAA
RGB	58, 175, 170
RGB Percent	23%, 69%, 67%
CMY	0.7725, 0.3137, 0.3333
CMYK	0.67, 0.00, 0.03, 0.31
HSL	177°, 50%, 46%
HSV	177°, 67%, 69%
XYZ	24.3306, 34.4618, 43.3996
YIQ	139.4470, -68.1270, -26.3590

Conversions

Conversions Part 2

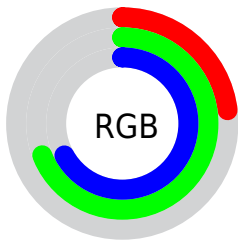
Format	Color
RYB	58, 118, 175
Decimal	3846058
CIELab	65.33, -33.08, -6.97
CIElCh	65, 33.801, 191.897
Yxy	34.4618, 0.2381, 0.3372
Android (android.graphics.Color)	4282036138 (0xFF3AAFAA)
YUV	139.4470, 15.0626, -71.4290
Hunter-Lab	58.7041, -28.7509, -2.7399

Details

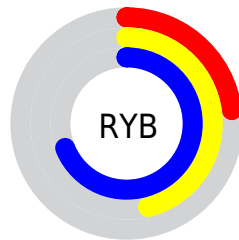
The Hex color **3AAFAA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF3A3F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **78E7E1**, and **007A76** is the 20% darker color. If you saturate the color by 10%, you get **29AFA9**, and if you desaturate by 10%, it is **4BAFAB**.

Distribution



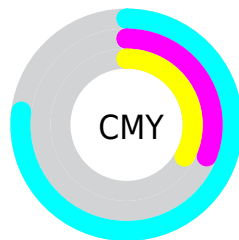
- Red (23%)
- Green (69%)
- Blue (67%)



- Red (23%)
- Yellow (46%)
- Blue (69%)



- Cyan (67%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (77%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 3AAFAA

 3AAFAA

FFFFFF

 099490

 78E7E1

 007A76

 96FFFE

 00615D

 B3FFFF

 004846

 D1FFFF

 003130

 EFFFFFF

 001C1B

 000000

 3AAFAA

 3AAFAA

 29AFA9

 4BAFAB

■ 17AFA9

■ 5DAFAB

■ 05AFA8

■ 6FAFAC

■ 00AFA8

■ 80AFAD

■ 92AFAE

■ A3AFAE

■ B4AFAF

■ C6AFB0

■ D7AFB1

Harmonies

Analogous

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



60AE8B



3AAFAA



2DADC6

Triad

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



3AAFAA



B292CC



C39665

Complementary

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



3AAFAA



AF3A3F

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.



D58D78



3AAFAA



CE8AB2

Square

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



3AAFAA



879DDA



DA8794



A7A163

Rectangle

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



3AAFAA



45A9D3



DA8794



CA936A

Sweetspot

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



3AAFAA



B6E3E1



40AF3A



577372



F2F2F2



737373

Same Dimension

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



3AAFAA



2DE3DB



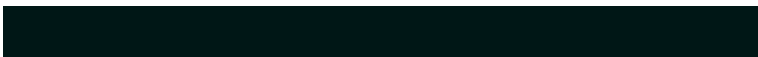
3A7AAF



4E5756



009690



001716

Inverse Universe

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



AF3A3F



E32D35



AF6F3A



574E4E



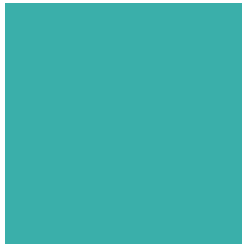
960006



170001

Previews

White Background



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

Color Contrast Check

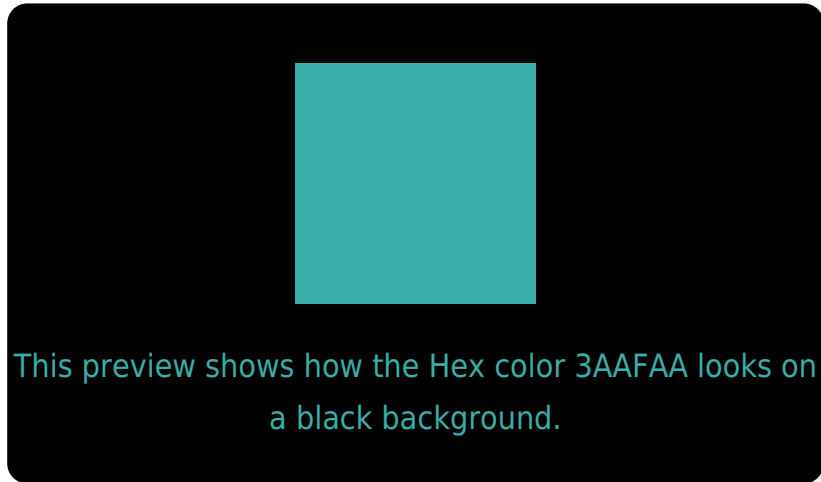
Large Text (above 18pt) WCAG AA × Fail

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

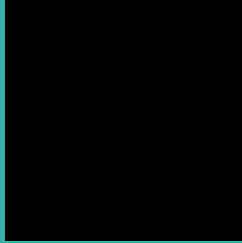
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

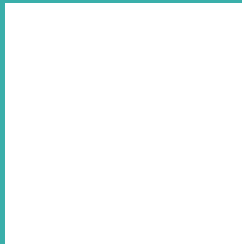
Any Text WCAG AAA ✓ Pass

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

Hex 3AAFAA Background



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

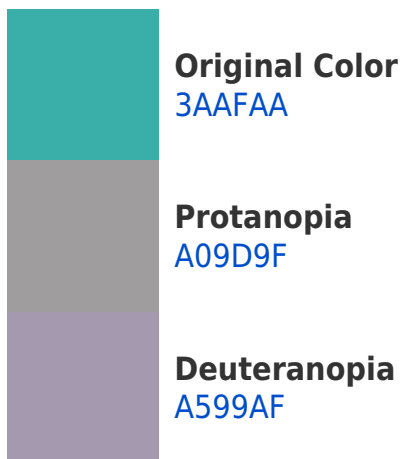


This preview shows how white text looks on a background with the Hex color 3AAFAA.

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
3AAFAA



Protanomaly
7BA4A3



Deuteranomaly
7EA1AD



Tritanomaly
40AEB4

Monochromacy



Original Color
3AAFAA



Achromatopsia
8B8B8B



Achromatomaly
6E9896

CSS Examples

Text

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

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

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 #3AAFAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor