

Converting Colors

Hex(3AAFBC)

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

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Color

Hex(3AAFBC)

Conversions

Conversions Part 1

Format	Color
Hex	3AAFBC
RGB	58, 175, 188
RGB Percent	23%, 69%, 74%
CMY	0.7725, 0.3137, 0.2627
CMYK	0.69, 0.07, 0.00, 0.26
HSL	186°, 53%, 48%
HSV	186°, 69%, 74%
XYZ	26.1520, 35.1903, 52.9910
YIQ	141.4990, -73.9050, -20.7610

Conversions

Conversions Part 2

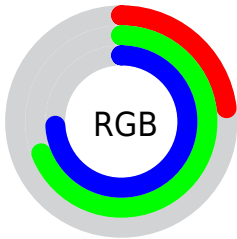
Format	Color
R _{YB}	58, 120, 188
Decimal	3846076
CIE Lab	65.90, -27.80, -16.12
CIE LCh	66, 32.131, 210.106
Yxy	35.1903, 0.2287, 0.3078
Android (android.graphics.Color)	4282036156 (0xFF3AAFBC)
YUV	141.4990, 22.9250, -73.2286
Hunter-Lab	59.3214, -25.1204, -11.4379

Details

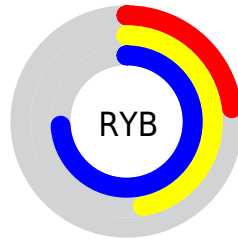
The Hex color **3AAFBC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BC473A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7AE7F4**, and **007A87** is the 20% darker color. If you saturate the color by 10%, you get **27ADBC**, and if you desaturate by 10%, it is **4DB1BC**.

Distribution



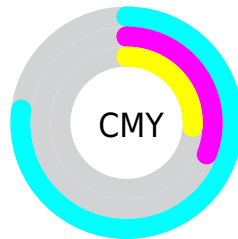
- Red (23%)
- Green (69%)
- Blue (74%)



- Red (23%)
- Yellow (47%)
- Blue (74%)



- Cyan (69%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (77%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

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

■ 3AAFBC

■ 3AAFBC

FFFFFF

■ 0294A1

■ 7AE7F4

■ 007A87

■ 98FFFF

■ 00616D

■ B6FFFF

■ 004955

■ D4FFFF

■ 00323E

■ F2FFFF

■ 001E28

■ 000113

■ 000000

■ 3AAFBC

■ 3AAFBC

■ 27ADBC

■ 4DB1BC

■ 14ABBC

■ 60B3BC

■ 02A9BC

■ 72B5BC

■ 00A9BC

■ 85B7BC

■ 98B8BC

■ ABBABC

■ BEBCBC

■ D0BEBC

■ E3C0BC

Harmonies

Analogous

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



51B09F



3AAFBC



4DABD1

Triad

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



3AAFBC



C58FBD



B49E66

Complementary

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



3AAFBC



BC473A

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.



CB946F



3AAFBC



D68AA1

Square

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



3AAFBC



A499D2



D88D85



95A76D

Rectangle

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



3AAFBC



69A6D8



D88D85



BC9B67

Sweetspot

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



3AAFBC



C1F0F5



3ABC47



5C777A



FAFAFA



7A7A7A

Same Dimension

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



3AAFBC



2AE0F5



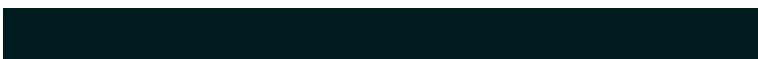
3A6EBC



555D5E



008E9E



001C1F

Inverse Universe

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



BC3AAF



F52AE0



BC883A



5E555D



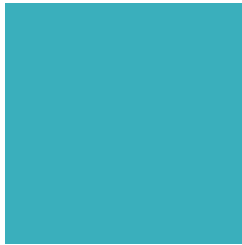
9E008E



1F001C

Previews

White Background



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

Color Contrast Check

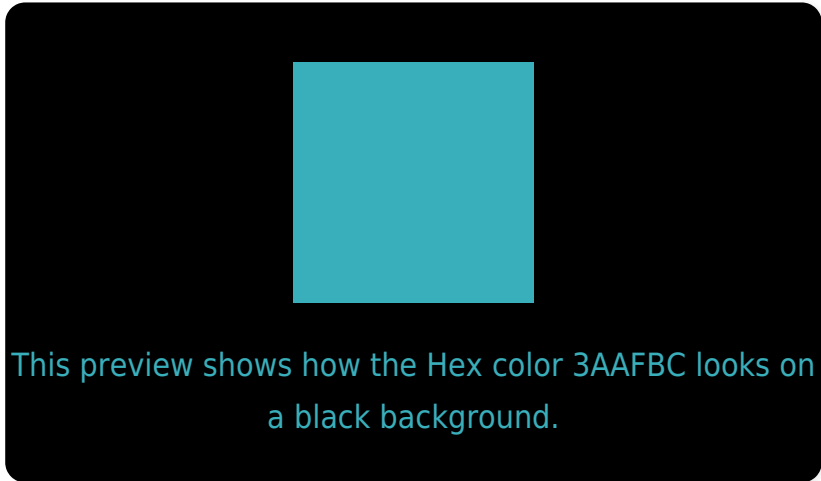
Large Text (above 18pt) WCAG AA × Fail

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

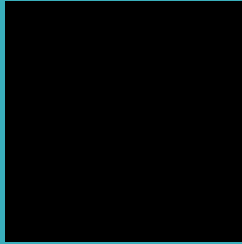
Any Text WCAG AA ✓ Pass

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 3AAFBC Background



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



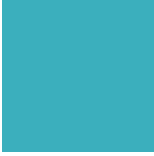
This preview shows how white text looks on a background with the Hex color 3AAFBC.

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](#).

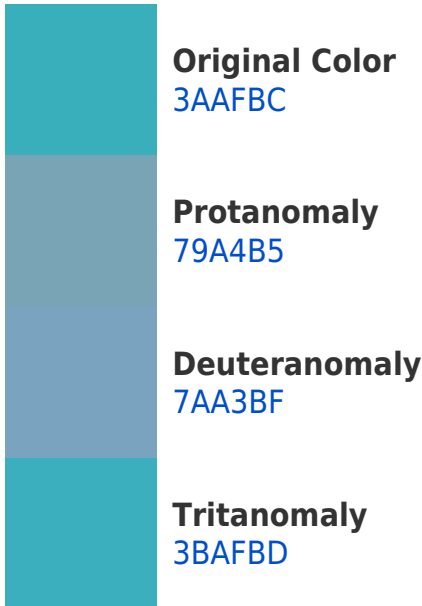
Dichromacy





Tritanopia
3BAFBD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3AAFBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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