

Converting Colors

Hex(349BAA)

Have a look what the booklet for
Hex(349BAA) contains.

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Color

Hex(349BAA)

Conversions

Conversions Part 1

Format	Color
Hex	349BAA
RGB	52, 155, 170
RGB Percent	20%, 61%, 67%
CMY	0.7961, 0.3922, 0.3333
CMYK	0.69, 0.09, 0.00, 0.33
HSL	188°, 53%, 44%
HSV	188°, 69%, 67%
XYZ	20.3932, 27.0750, 42.1814
YIQ	125.9130, -66.2030, -17.1710

Conversions

Conversions Part 2

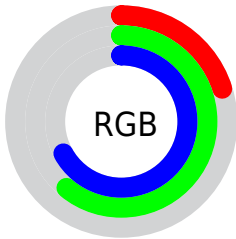
Format	Color
RYB	52, 107, 170
Decimal	3447722
CIELab	59.04, -24.13, -16.41
CIElCh	59, 29.185, 214.218
Yxy	27.0750, 0.2275, 0.3020
Android (android.graphics.Color)	4281637802 (0xFF349BAA)
YUV	125.9130, 21.7349, -64.8217
Hunter-Lab	52.0337, -21.1006, -11.6402




Details

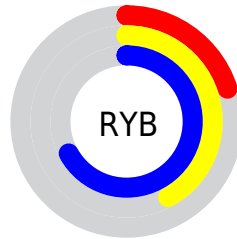
The Hex color **349BAA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA4334**, and the grayscale version is **7E7E7E**.




A 20% lighter version of the original color is **72D2E1**, and **006776** is the 20% darker color. If you saturate the color by 10%, you get **2399AA**, and if you desaturate by 10%, it is **459DAA**.

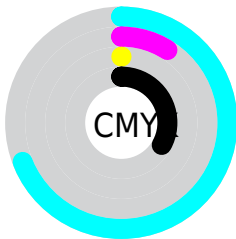
Distribution







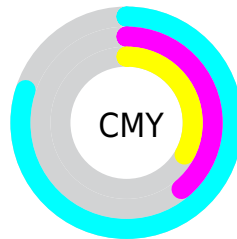
-  Red (20%)
-  Green (61%)
-  Blue (67%)






-  Red (20%)
-  Yellow (42%)
-  Blue (67%)



-  Cyan (69%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (80%)
-  Magenta (39%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349BAA 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 349BAA by changing the saturation by 10% instead.

 349BAA

 349BAA

FFFFFF

 008190

 72D2E1

 006776

 8FEEFE

 004F5D

 ACFFFF

 003846

 CAFFFF

 00232F

 E8FFFF

 00011B

 000000

 349BAA

 349BAA

 2399AA

 459DAA

■ 1297AA

■ 569FAA

■ 0195AA

■ 67A1AA

■ 0094AA

■ 78A4AA

■ 89A6AA

■ 9AA8AA

■ ABAAAA

■ BCACAA

■ CDAEAA

Harmonies

Analogous

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



449C91



349BAA



4997BC

Triad

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



349BAA



B27EA5



9C8E5B

Complementary

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



349BAA



AA4334

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.



B28561



349BAA



BF7B8B

Square

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



349BAA



9686B8



BF7D73



819563

Rectangle

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



349BAA



6392C1



BF7D73



A48B5B

Sweetspot

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



349BAA



AFD8DE



34AA42



546D70



F0F0F0



707070

Same Dimension

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



349BAA



26C6DE



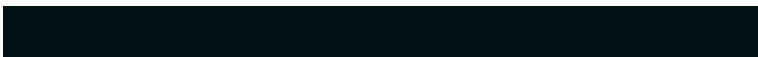
3461AA



4C5354



008194



001214

Inverse Universe

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



AA349B



DE26C6



AA7D34



544C53



940081



140012

Previews

White Background



This preview shows how the Hex color 349BAA looks on a white background.

Color Contrast Check

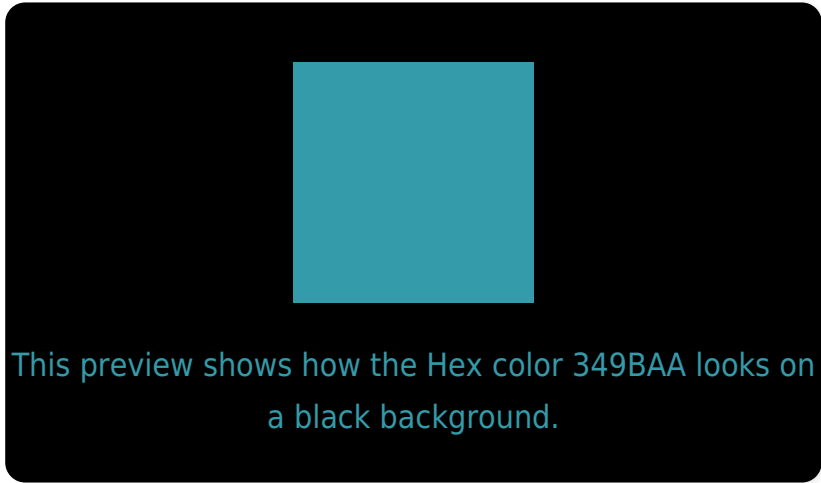
Large Text (above 18pt) WCAG AA ✓ Pass

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

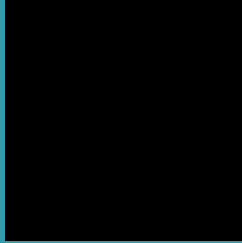
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 349BAA Background



This preview shows how black text looks on a background with the Hex color 349BAA.

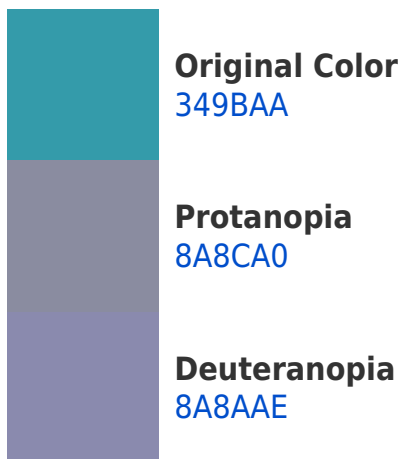


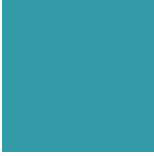
This preview shows how white text looks on a background with the Hex color 349BAA.

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](#).

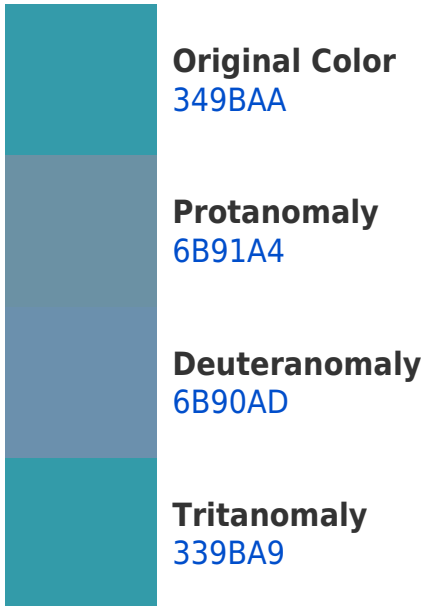
Dichromacy



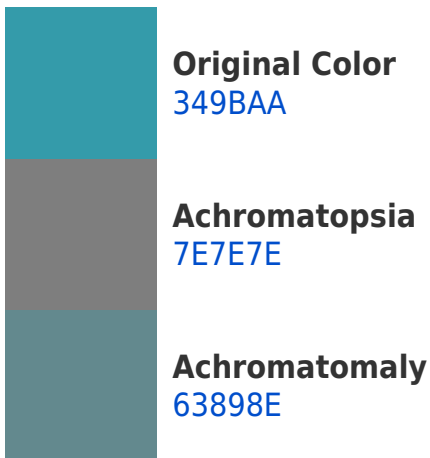


Tritanopia
339BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349BAA 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 #349BAA looks like.

```
.text, #text, p{  
    color:#349BAA  
}
```

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 #349BAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349BAA
}
```

Border

The CSS property to change the border of an element to Hex 349BAA 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
#349BAA }
```

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

```
.border{ border-color:#349BAA }
```

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

Here you see how a box with a 4 pixel #349BAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349BAA; -webkit-box-shadow:4px 4px  
4px 4px #349BAA; box-shadow:4px 4px 4px  
4px #349BAA }
```

Background

The CSS property to change the background color of an element to Hex 349BAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349BAA }
```

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

```
.background{ background-color:#349BAA }
```

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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