

Converting Colors

Hex(34A099)

Have a look what the booklet for
Hex(34A099) contains.

Hex(34A099)	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(34A099)

Conversions

Conversions Part 1

Format	Color
Hex	34A099
RGB	52, 160, 153
RGB Percent	20%, 63%, 60%
CMY	0.7961, 0.3725, 0.4000
CMYK	0.68, 0.00, 0.04, 0.37
HSL	176°, 51%, 42%
HSV	176°, 68%, 63%
XYZ	19.7367, 28.1716, 34.5344
YIQ	126.9100, -62.1210, -25.0730

Conversions

Conversions Part 2

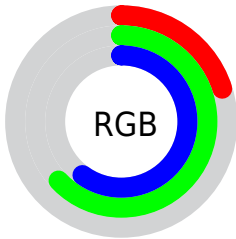
Format	Color
RYB	52, 108, 160
Decimal	3448985
CIELab	60.04, -31.69, -5.28
CIElCh	60, 32.126, 189.467
Yxy	28.1716, 0.2394, 0.3417
Android (android.graphics.Color)	4281639065 (0xFF34A099)
YUV	126.9100, 12.8624, -65.6961
Hunter-Lab	53.0769, -26.5090, -1.4231

Details

The Hex color `34A099` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `A0343B`, and the grayscale version is `7F7F7F`.

A 20% lighter version of the original color is `71D7CF`, and `006C66` is the 20% darker color. If you saturate the color by 10%, you get `24A098`, and if you desaturate by 10%, it is `44A09A`.

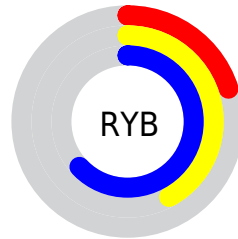
Distribution



Red (20%)

Green (63%)

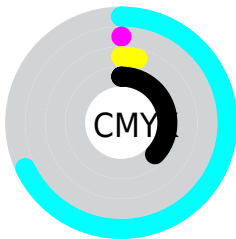
Blue (60%)



Red (20%)

Yellow (42%)

Blue (63%)

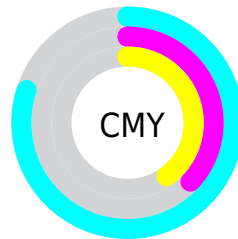


Cyan (68%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (80%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Hex color 34A099 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 34A099 by changing the saturation by 10% instead.

 34A099

 34A099

FFFFFF

 02857F

 71D7CF

 006C66

 8EF4EB

 00534E

 ABFFFF

 003B37

 C8FFFF

 002622

 E6FFFF

 00010D

 000000

 34A099

 34A099

 24A098

 44A09A

■ 14A097

■ 54A09B

■ 04A096

■ 64A09C

■ 00A096

■ 74A09D

■ 84A09E

■ 94A09F

■ A4A0A0

■ B4A0A1

■ C4A0A2

Harmonies

Analogous

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



599E7C



34A099



229EB4

Triad

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



34A099



A086BC



B4885C

Complementary

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



34A099



A0343B

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.



C47F6E



34A099



BC7EA5

Square

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



34A099



7790C8



C87B89



9B9258

Rectangle

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



34A099



389BC1



C87B89



BB8561

Sweetspot

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



34A099



A7D1CE



3BA034



4F6967



E8E8E8



696969

Same Dimension

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



34A099



28D1C6



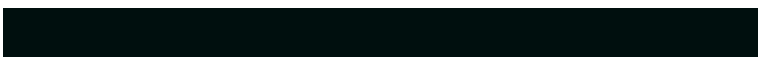
3471A0



474F4F



008F86



000F0E

Inverse Universe

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



A0343B



D12833



A06334



4F4748



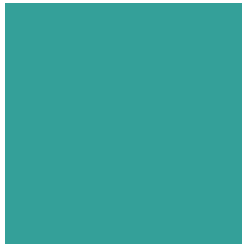
8F0009



0F0001

Previews

White Background



This preview shows how the Hex color 34A099 looks on a white background.

Color Contrast Check

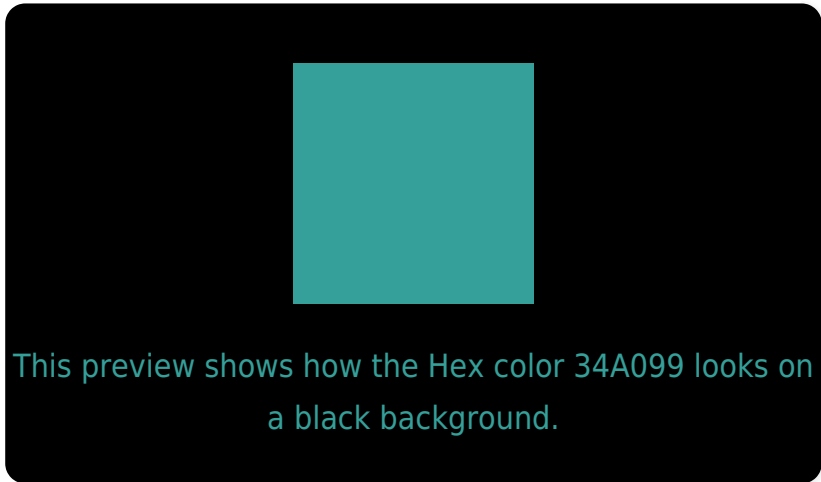
Large Text (above 18pt) WCAG AA ✓ Pass

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

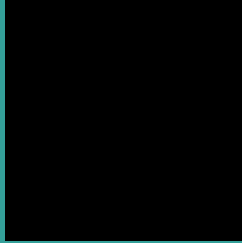
Any Text WCAG AA ✓ Pass

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 34A099 Background



This preview shows how black text looks on a background with the Hex color 34A099.

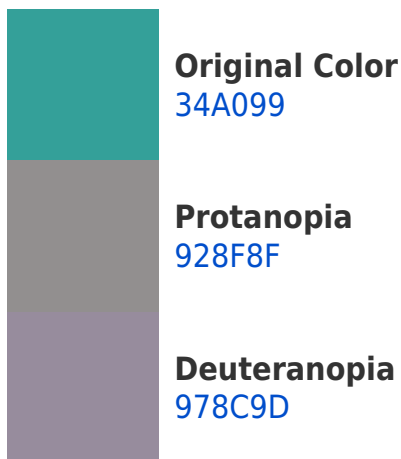


This preview shows how white text looks on a background with the Hex color 34A099.

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



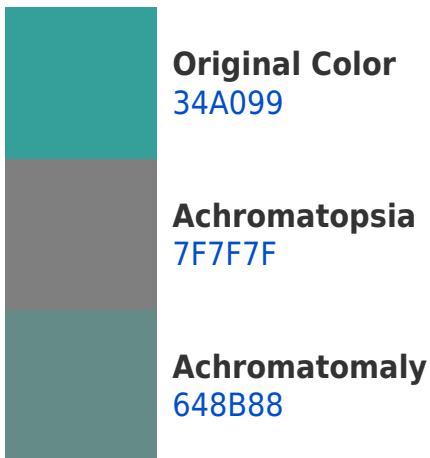


Tritanopia
3D9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34A099 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 #34A099 looks like.

```
.text, #text, p{  
    color:#34A099  
}
```

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 #34A099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A099
}
```

Border

The CSS property to change the border of an element to Hex 34A099 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
#34A099 }
```

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

```
.border{ border-color:#34A099 }
```

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

Here you see how a box with a 4 pixel #34A099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A099; -webkit-box-shadow:4px 4px  
4px 4px #34A099; box-shadow:4px 4px 4px  
4px #34A099 }
```

Background

The CSS property to change the background color of an element to Hex 34A099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A099 }
```

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

```
.background{ background-color:#34A099 }
```

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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