

Converting Colors

Hex(43A799)

Have a look what the booklet for
Hex(43A799) contains.

Hex(43A799)	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(43A799)

Conversions

Conversions Part 1

Format	Color
Hex	43A799
RGB	67, 167, 153
RGB Percent	26%, 65%, 60%
CMY	0.7373, 0.3451, 0.4000
CMYK	0.60, 0.00, 0.08, 0.35
HSL	172°, 43%, 46%
HSV	172°, 60%, 65%
XYZ	21.8832, 31.1306, 34.9924
YIQ	135.5040, -55.1060, -25.5540

Conversions

Conversions Part 2

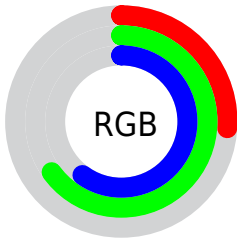
Format	Color
RYB	67, 121, 167
Decimal	4433817
CIELab	62.62, -32.42, -1.45
CIELCh	63, 32.451, 182.554
Yxy	31.1306, 0.2487, 0.3537
Android (android.graphics.Color)	4282623897 (0xFF43A799)
YUV	135.5040, 8.6255, -60.0780
Hunter-Lab	55.7948, -27.6317, 1.8719

Details

The Hex color **43A799** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A74351**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7DDFCF**, and **007266** is the 20% darker color. If you saturate the color by 10%, you get **32A797**, and if you desaturate by 10%, it is **54A79B**.

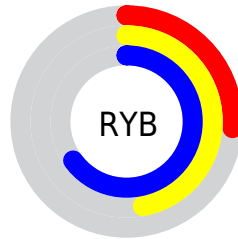
Distribution



Red (26%)

Green (65%)

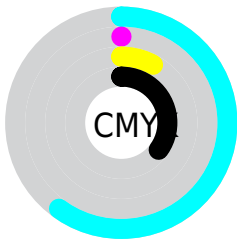
Blue (60%)



Red (26%)

Yellow (47%)

Blue (65%)

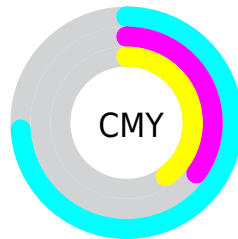


Cyan (60%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (74%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43A799 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 43A799 by changing the saturation by 10% instead.

 43A799

 43A799

FFFFFF

 218C7F

 7DDFCF

 007266

 99FBEB

 00594E

 B6FFFF

 004137

 D3FFFF

 002B22

 F1FFFF

 00110C

 000000

 43A799

 43A799

 32A797

 54A79B

■ 22A794

■ 64A79E

■ 11A792

■ 75A7A0

■ 00A790

■ 86A7A2

■ 96A7A5

■ A7A7A7

■ B8A7A9

■ C9A7AC

■ D9A7AE

Harmonies

Analogous

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



68A57C



43A799



2AA6B5

Triad

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



43A799



9E8FC8



C18D65

Complementary

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



43A799



A74351

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.



CE847A



43A799



BE86B3

Square

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



43A799



7399D1



CE8196



A8965D

Rectangle

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



43A799



36A3C4



CE8196



C7896B

Sweetspot

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



43A799



B2D9D3



52A743



566E6A



EDEDED



6E6E6E

Same Dimension

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



43A799



3DD9C3



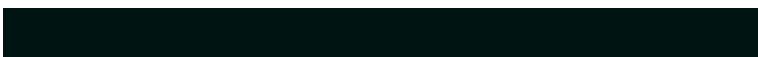
4384A7



4C5453



00947F



001412

Inverse Universe

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



A74351



D93D53



A76643



544C4D



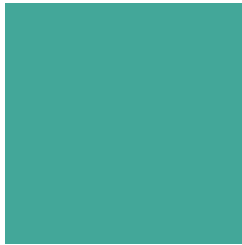
940015



140003

Previews

White Background



This preview shows how the Hex color 43A799 looks on a white background.

Color Contrast Check

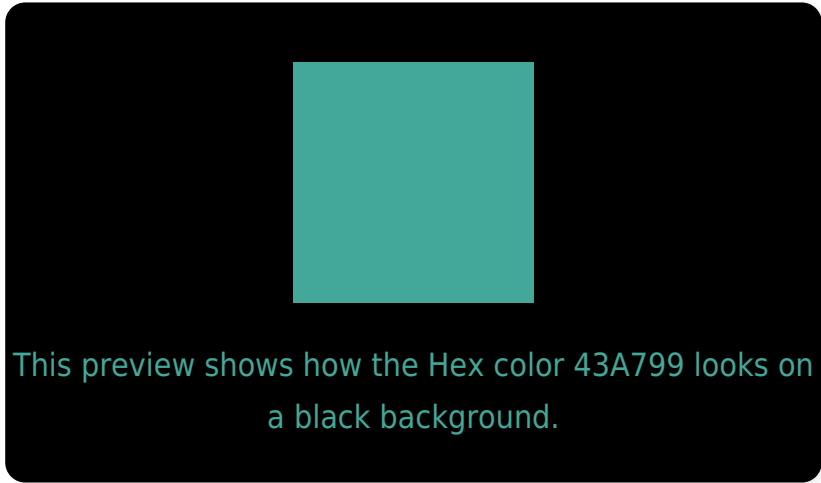
Large Text (above 18pt) WCAG AA × Fail

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

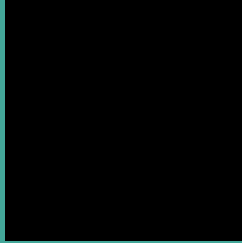
Any Text WCAG AA ✓ Pass

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 43A799 Background



This preview shows how black text looks on a background with the Hex color 43A799.

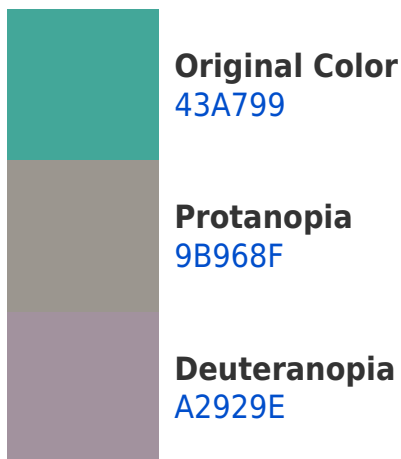


This preview shows how white text looks on a background with the Hex color 43A799.

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



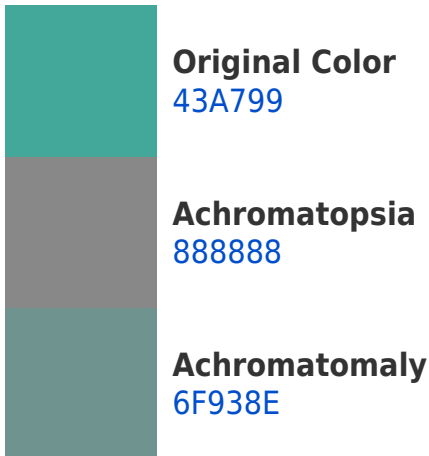


Tritanopia
4CA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 43A799 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 #43A799 looks like.

```
.text, #text, p{  
    color:#43A799  
}
```

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 #43A799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43A799
}
```

Border

The CSS property to change the border of an element to Hex 43A799 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
#43A799 }
```

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

```
.border{ border-color:#43A799 }
```

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

Here you see how a box with a 4 pixel #43A799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43A799; -webkit-box-shadow:4px 4px  
4px 4px #43A799; box-shadow:4px 4px 4px  
4px #43A799 }
```

Background

The CSS property to change the background color of an element to Hex 43A799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43A799 }
```

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

```
.background{ background-color:#43A799 }
```

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