

# Converting Colors

Hex(43AB8F)

Have a look what the booklet for  
Hex(43AB8F) contains.

<b>Hex(43AB8F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(43AB8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43AB8F
RGB	67, 171, 143
RGB Percent	26%, 67%, 56%
CMY	0.7373, 0.3294, 0.4392
CMYK	0.61, 0.00, 0.16, 0.33
HSL	164°, 44%, 47%
HSV	164°, 61%, 67%
XYZ	21.8356, 32.3023, 31.0707
YIQ	136.7120, -52.9960, -30.7560

# Conversions

## Conversions Part 2

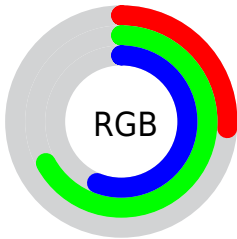
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 127, 171
Decimal	4434831
CIELab	63.59, -36.84, 5.56
CIELCh	64, 37.257, 171.425
Yxy	32.3023, 0.2563, 0.3791
Android (android.graphics.Color)	4282624911 (0xFF43AB8F)
YUV	136.7120, 3.1000, -61.1374
Hunter-Lab	56.8351, -30.8832, 7.3718

# Details

The Hex color **43AB8F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB435F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7DE3C5**, and **00765D** is the 20% darker color. If you saturate the color by 10%, you get **32AB8A**, and if you desaturate by 10%, it is **54AB94**.

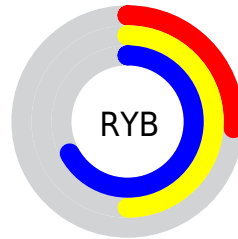
# Distribution



Red (26%)

Green (67%)

Blue (56%)



Red (26%)

Yellow (50%)

Blue (67%)

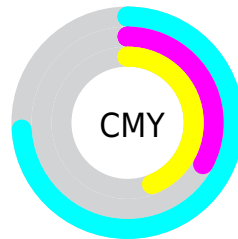


Cyan (61%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (74%)

Magenta (33%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43AB8F 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 43AB8F by changing the saturation by 10% instead.





43AB8F



43AB8F

FFFFFF



219075



7DE3C5



00765D



9AFFE1



005D45



B6FFFD



00442F



D3FFFF



002D1A



F1FFFF



001500



000000



43AB8F



43AB8F



32AB8A



54AB94

■ 21AB86

■ 65AB98

■ 10AB81

■ 76AB9D

■ 00AB7D

■ 87ABA1

■ 98ABA6

■ AAABAB

■ BBABAF

■ CCABB4

■ DDABB8

# Harmonies

## Analogous

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



71A76F



43AB8F



00ABB1

# Triad

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



43AB8F



9095D8



D08967

# Complementary

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



43AB8F



AB435F

# 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.



DA8183



43AB8F



BA89C4

# Square

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



43AB8F



56A0DB



D481A5



B89558

# Rectangle

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



43AB8F



00A9C5



D481A5



D58670



# Sweetspot

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



43AB8F



B6DED3



60AB43



58706A



F0F0F0



707070



# Same Dimension

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



43AB8F



3CDEB2



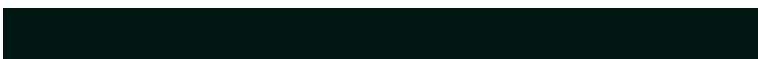
4394AB



4E5754



00966E



001711



# Inverse Universe

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



AB435F



DE3C68



AB5A43



574E50



960029

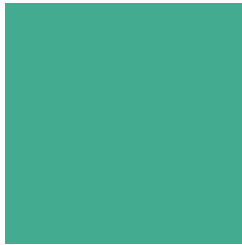


170006



# Previews

## White Background



This preview shows how the Hex color 43AB8F looks on a white background.

## Color Contrast Check

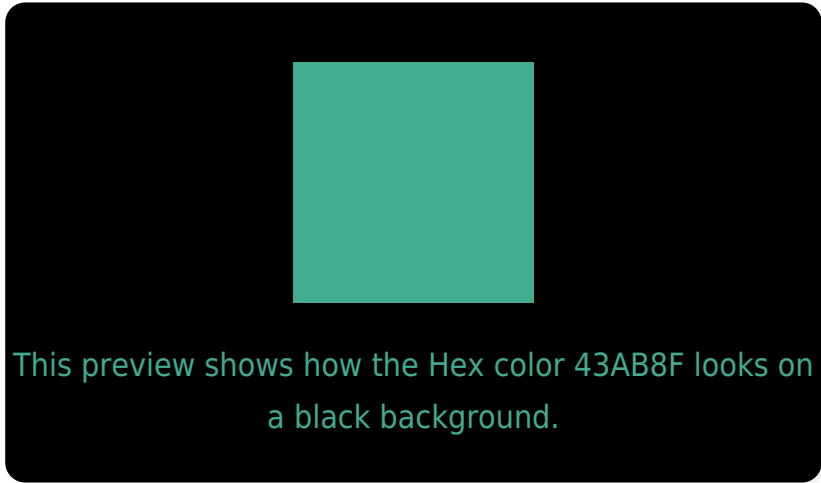
Large Text (above 18pt) WCAG AA × Fail

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

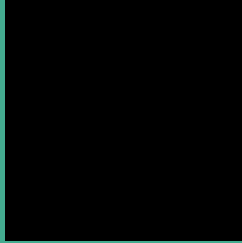
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 43AB8F Background



This preview shows how black text looks on a background with the Hex color 43AB8F.

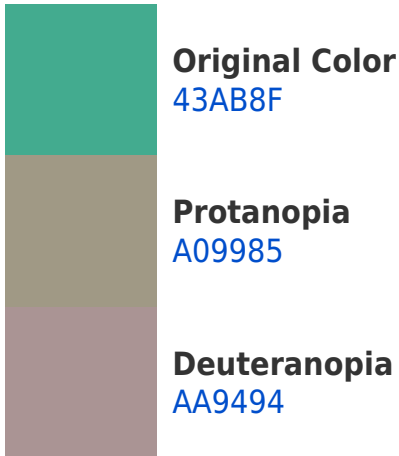


This preview shows how white text looks on a background with the Hex color 43AB8F.

# 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



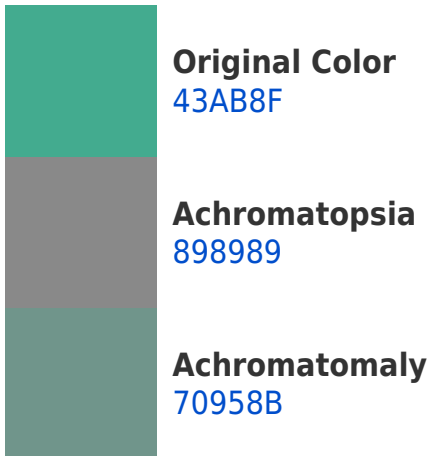


**Tritanopia**  
51A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43AB8F 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 #43AB8F looks like.

```
.text, #text, p{  
    color:#43AB8F  
}
```

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 #43AB8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43AB8F
}
```

## Border

The CSS property to change the border of an element to Hex 43AB8F 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
#43AB8F }
```

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

```
.border{ border-color:#43AB8F }
```

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

Here you see how a box with a 4 pixel #43AB8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43AB8F; -webkit-box-shadow:4px 4px  
4px 4px #43AB8F; box-shadow:4px 4px 4px  
4px #43AB8F }
```

# Background

The CSS property to change the background color of an element to Hex 43AB8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43AB8F }
```

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

```
.background{ background-color:#43AB8F }
```

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