

# Converting Colors

Hex(43BC84)

Have a look what the booklet for  
Hex(43BC84) contains.

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**Color**

**Hex(43BC84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43BC84
RGB	67, 188, 132
RGB Percent	26%, 74%, 52%
CMY	0.7373, 0.2627, 0.4824
CMYK	0.64, 0.00, 0.30, 0.26
HSL	152°, 47%, 50%
HSV	152°, 64%, 74%
XYZ	24.4628, 38.8257, 28.0346
YIQ	145.4370, -54.1400, -43.0680

# Conversions

## Conversions Part 2

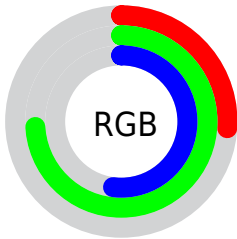
Format	Color
<a href="#">RYB</a>	<a href="#">67, 146, 188</a>
Decimal	<a href="#">4439172</a>
CIELab	<a href="#">68.62, -46.71, 18.67</a>
CIELCh	<a href="#">69, 50.307, 158.216</a>
Yxy	<a href="#">38.8257, 0.2679, 0.4251</a>
Android (android.graphics.Color)	<a href="#">4282629252 (0xFF43BC84)</a>
YUV	<a href="#">145.4370, -6.6244, -68.7892</a>
Hunter-Lab	<a href="#">62.3103, -38.9644, 16.9415</a>

# Details

The Hex color **43BC84** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BC437B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7FF5B9**, and **008652** is the 20% darker color. If you saturate the color by 10%, you get **30BC7B**, and if you desaturate by 10%, it is **56BC8D**.

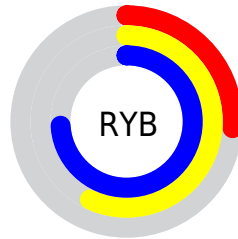
# Distribution



Red (26%)

Green (74%)

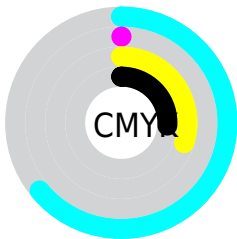
Blue (52%)



Red (26%)

Yellow (57%)

Blue (74%)

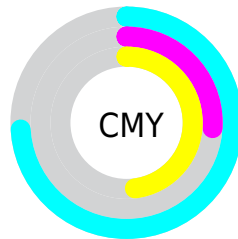


Cyan (64%)

Magenta (0%)

Yellow (30%)

Black (26%)



Cyan (74%)

Magenta (26%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43BC84 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 43BC84 by changing the saturation by 10% instead.



 43BC84

 43BC84

FFFFFF

 1DA06B

 7FF5B9

 008652

 9CFFD5

 006C3B

 BAFFF1

 005225

 D7FFFF

 003A0F

 F5FFFF

 002400

 000000

 43BC84

 43BC84

 30BC7B

 56BC8D

■ 1DBC73

■ 69BC95

■ 0BBC6A

■ 7BBC9E

■ 00BC65

■ 8EBCA7

■ A1BCB0

■ B4BCB8

■ C7BCC1

■ D9BCCA

■ ECBCD2

# Harmonies

## Analogous

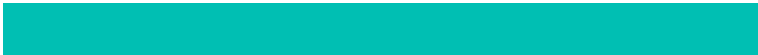
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86B55D



43BC84



00FBF3

# Triad

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



43BC84



70A8FF



F78971

# Complementary

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



43BC84



BC437B

# 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.



FC819D



43BC84



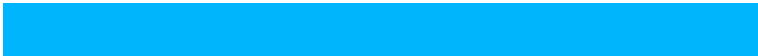
BB96EF

# Square

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



43BC84



00B5FB



E986CA



DD9952

# Rectangle

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



43BC84



00BED1



E986CA



FB857F

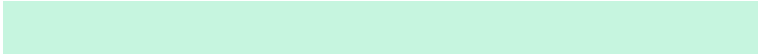


# Sweetspot

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



43BC84



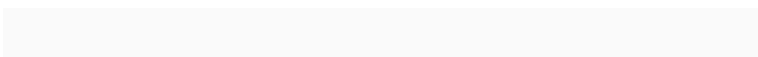
C6F5DF



7BBC43



5E7A6D



FAFAFA



7A7A7A



# Same Dimension

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



43BC84



38F59E



43B8BC



555E5A



009E55



001F10



# Inverse Universe

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



BC437B



F53890



BC4743



5E5559



9E0049

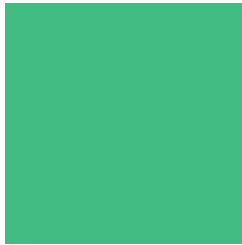


1F000E



# Previews

## White Background



This preview shows how the Hex color 43BC84 looks on a white background.

## Color Contrast Check

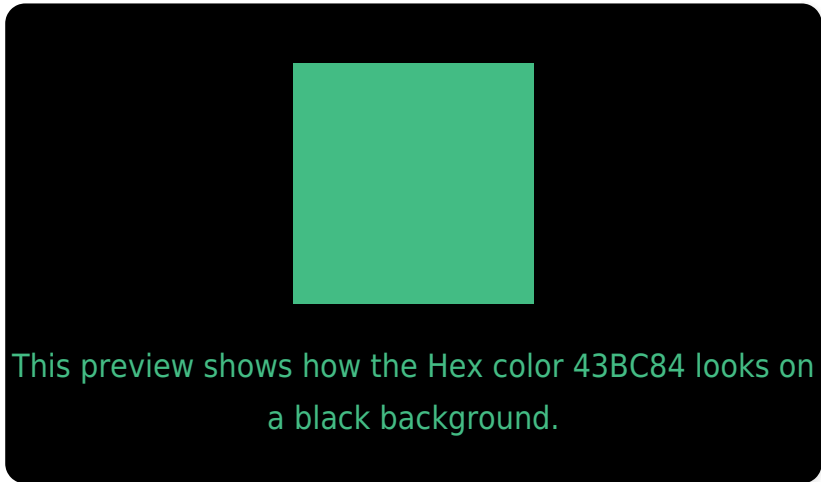
Large Text (above 18pt) WCAG AA × Fail

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

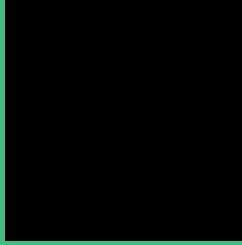
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 43BC84 Background



This preview shows how black text looks on a background with the Hex color 43BC84.



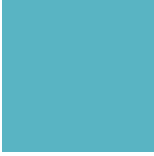
This preview shows how white text looks on a background with the Hex color 43BC84.

# 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](#).

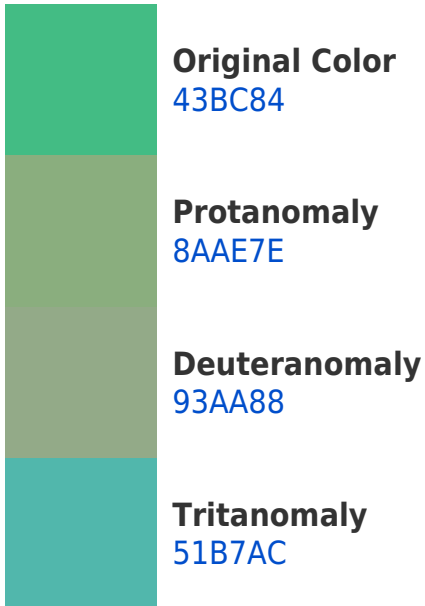
## Dichromacy



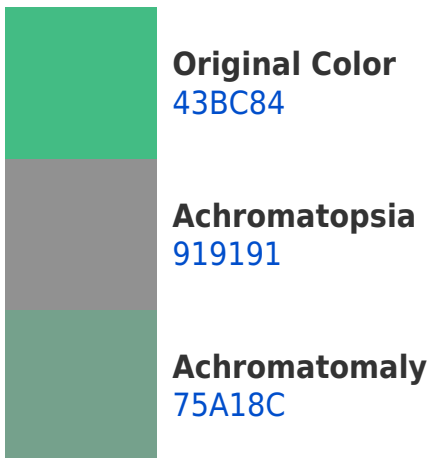


**Tritanopia**  
59B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43BC84 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 #43BC84 looks like.

```
.text, #text, p{  
    color:#43BC84  
}
```

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 #43BC84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43BC84
}
```

## Border

The CSS property to change the border of an element to Hex 43BC84 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
#43BC84 }
```

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

```
.border{ border-color:#43BC84 }
```

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

Here you see how a box with a 4 pixel #43BC84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43BC84; -webkit-box-shadow:4px 4px  
4px 4px #43BC84; box-shadow:4px 4px 4px  
4px #43BC84 }
```

# Background

The CSS property to change the background color of an element to Hex 43BC84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43BC84 }
```

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

```
.background{ background-color:#43BC84 }
```

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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