

# Converting Colors

Hex(43BC85)

Have a look what the booklet for  
Hex(43BC85) contains.

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**Color**

**Hex(43BC85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43BC85
RGB	67, 188, 133
RGB Percent	26%, 74%, 52%
CMY	0.7373, 0.2627, 0.4784
CMYK	0.64, 0.00, 0.29, 0.26
HSL	153°, 47%, 50%
HSV	153°, 64%, 74%
XYZ	24.5316, 38.8532, 28.3968
YIQ	145.5510, -54.4610, -42.7570

# Conversions

## Conversions Part 2

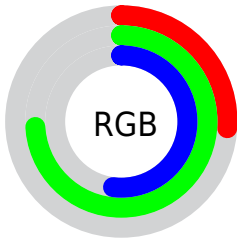
Format	Color
<a href="#">RYB</a>	<a href="#">67, 145, 188</a>
Decimal	<a href="#">4439173</a>
CIELab	<a href="#">68.64, -46.50, 18.16</a>
CIELCh	<a href="#">69, 49.922, 158.670</a>
Yxy	<a href="#">38.8532, 0.2673, 0.4233</a>
Android (android.graphics.Color)	<a href="#">4282629253 (0xFF43BC85)</a>
YUV	<a href="#">145.5510, -6.1876, -68.8892</a>
Hunter-Lab	<a href="#">62.3323, -38.8309, 16.6219</a>

# Details

The Hex color **43BC85** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BC437A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7FF5BA**, and **008653** is the 20% darker color. If you saturate the color by 10%, you get **30BC7C**, and if you desaturate by 10%, it is **56BC8E**.

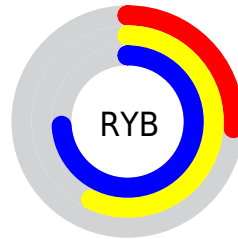
# Distribution



Red (26%)

Green (74%)

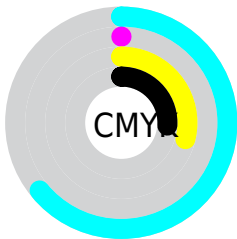
Blue (52%)



Red (26%)

Yellow (57%)

Blue (74%)

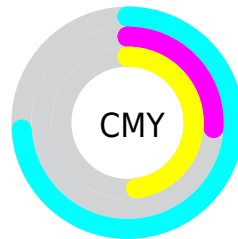


Cyan (64%)

Magenta (0%)

Yellow (29%)

Black (26%)



Cyan (74%)

Magenta (26%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43BC85 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 43BC85 by changing the saturation by 10% instead.



 43BC85

 43BC85

FFFFFF

 1DA06C

 7FF5BA

 008653

 9CFFD6

 006C3C

 BAFFF3

 005226

 D7FFFF

 003A10

 F5FFFF

 002400

 000000

 43BC85

 43BC85

 30BC7C

 56BC8E

 1DBC74

 69BC96

 0BBC6B

 7BBC9F

 00BC67

 8EBCA7

 A1BCB0

 B4BCB8

 C7BCC1

 D9BCC9

 ECBCD2

# Harmonies

## Analogous

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



85B55E



43BC85



00BEB4

# Triad

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



43BC85



72A8FF



F68A71

# Complementary

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



43BC85



BC437A

# 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.



FC819C



43BC85



BC96EE

# Square

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



43BC85



00B5FB



E987C9



DD9953

# Rectangle

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



43BC85



00BED1



E987C9



FB857F



# Sweetspot

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



43BC85



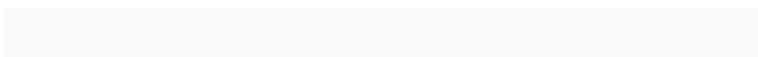
C6F5E0



7BBC43



5E7A6E



FAFAFA



7A7A7A



# Same Dimension

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



43BC85



38F59F



43B8BC



555E5A



009E56



001F11



# Inverse Universe

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



BC437A



F5388E



BC4743



5E5559



9E0048



1F000E



# Previews

## White Background



This preview shows how the Hex color 43BC85 looks on a white background.

## Color Contrast Check

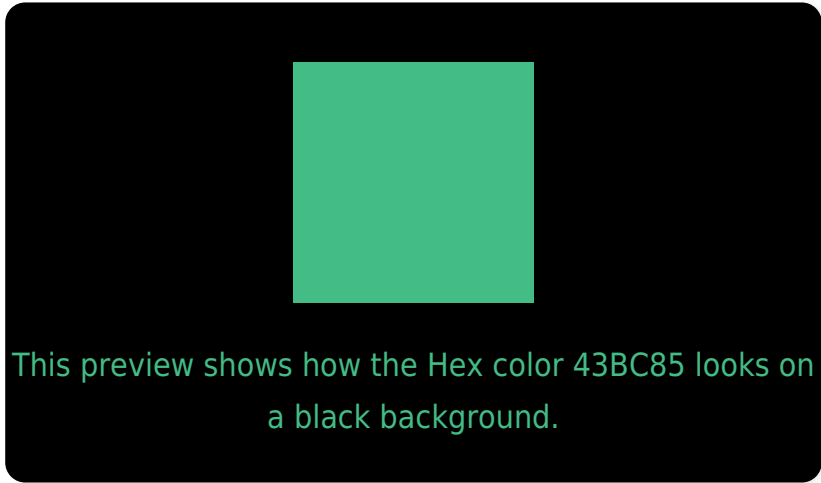
Large Text (above 18pt) WCAG AA × Fail

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

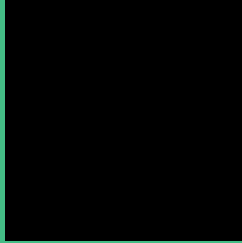
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 43BC85 Background



This preview shows how black text looks on a background with the Hex color 43BC85.

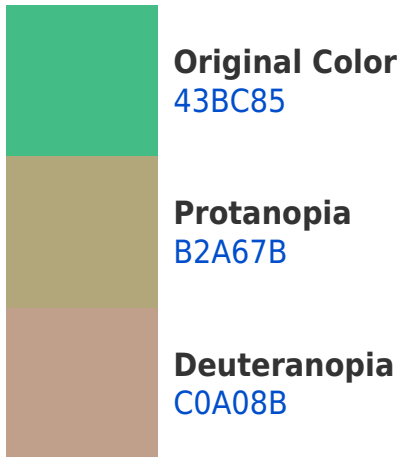


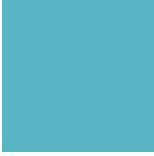
This preview shows how white text looks on a background with the Hex color 43BC85.

# 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



**Original Color**  
43BC85



**Protanomaly**  
8AAE7F



**Deuteranomaly**  
93AA89



**Tritanomaly**  
51B7AC

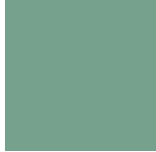
# Monochromacy



**Original Color**  
43BC85



**Achromatopsia**  
929292



**Achromatomaly**  
75A18D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43BC85 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 #43BC85 looks like.

```
.text, #text, p{  
    color:#43BC85  
}
```

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 #43BC85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43BC85
}
```

## Border

The CSS property to change the border of an element to Hex 43BC85 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
#43BC85 }
```

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

```
.border{ border-color:#43BC85 }
```

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

Here you see how a box with a 4 pixel #43BC85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43BC85; -webkit-box-shadow:4px 4px  
4px 4px #43BC85; box-shadow:4px 4px 4px  
4px #43BC85 }
```

# Background

The CSS property to change the background color of an element to Hex 43BC85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43BC85 }
```

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

```
.background{ background-color:#43BC85 }
```

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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