

# Converting Colors

Hex(43BC94)

Have a look what the booklet for  
Hex(43BC94) contains.

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**Color**

**Hex(43BC94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43BC94
RGB	67, 188, 148
RGB Percent	26%, 74%, 58%
CMY	0.7373, 0.2627, 0.4196
CMYK	0.64, 0.00, 0.21, 0.26
HSL	160°, 47%, 50%
HSV	160°, 64%, 74%
XYZ	25.6433, 39.2978, 34.2507
YIQ	147.2610, -59.2760, -38.0920

# Conversions

## Conversions Part 2

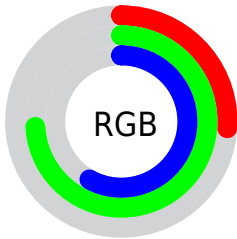
Format	Color
<a href="#">RYB</a>	<a href="#">67, 139, 188</a>
Decimal	<a href="#">4439188</a>
CIELab	<a href="#">68.97, -43.15, 10.47</a>
CIELCh	<a href="#">69, 44.404, 166.355</a>
Yxy	<a href="#">39.2978, 0.2585, 0.3962</a>
Android (android.graphics.Color)	<a href="#">4282629268 (0xFF43BC94)</a>
YUV	<a href="#">147.2610, 0.3643, -70.3889</a>
Hunter-Lab	<a href="#">62.6880, -36.6865, 11.4875</a>

# Details

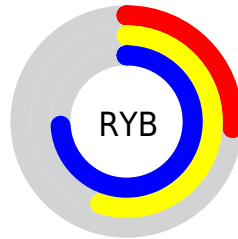
The Hex color **43BC94** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC436B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **80F5CA**, and **008661** is the 20% darker color. If you saturate the color by 10%, you get **30BC8E**, and if you desaturate by 10%, it is **56BC9A**.

# Distribution



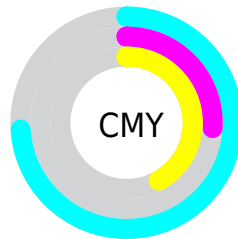
- Red (26%)
- Green (74%)
- Blue (58%)



- Red (26%)
- Yellow (55%)
- Blue (74%)



- Cyan (64%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43BC94 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 43BC94 by changing the saturation by 10% instead.



 43BC94

 43BC94

FFFFFF

 1DA17A

 80F5CA

 008661

 9DFFE6

 006C49

 BAF0FF

 005333

 D8F0FF

 003A1E

 F6F0FF

 002505

 000000

 43BC94

 43BC94

 30BC8E

 56BC9A

 1DBC88

 69BCA0

 0BBC81

 7BBCA7

 00BC7E

 8EBCAD

 A1BCB3

 B4BCB9

 C7BCC0

 D9BCC6

 ECBCCC

# Harmonies

## Analogous

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



7EB76F



43BC94



00BDBE

# Triad

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



43BC94



8FA5F5



EC9170

# Complementary

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



43BC94



BC436B

# 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.



F58894



43BC94



C896E0

# Square

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



43BC94



3AB2F6



EA8ABC



D1A05A

# Rectangle

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



43BC94



00BCD7



EA8ABC



F18D7B



# Sweetspot

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



43BC94



C6F5E5



6BBC43



5E7A71



FAFAFA



7A7A7A



# Same Dimension

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



43BC94



38F5B6



43A8BC



555E5B



009E6A



001F14



# Inverse Universe

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



BC436B



F53877



BC5743



5E5558



9E0034



1F000A



# Previews

## White Background



This preview shows how the Hex color 43BC94 looks on a white background.

## Color Contrast Check

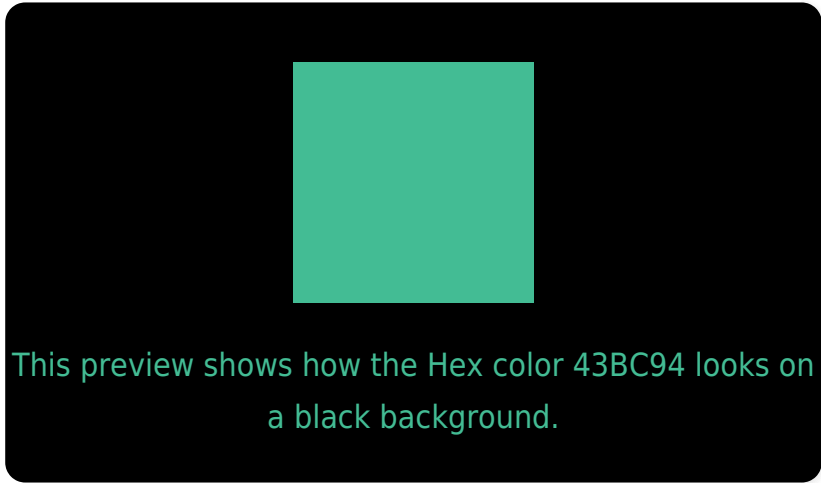
Large Text (above 18pt) WCAG AA × Fail

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

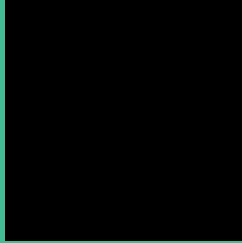
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 43BC94 Background



This preview shows how black text looks on a background with the Hex color 43BC94.

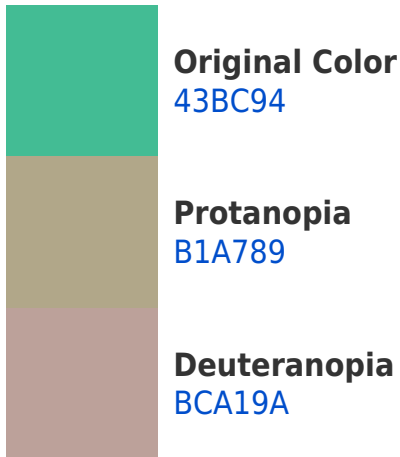


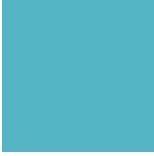
This preview shows how white text looks on a background with the Hex color 43BC94.

# 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](#).

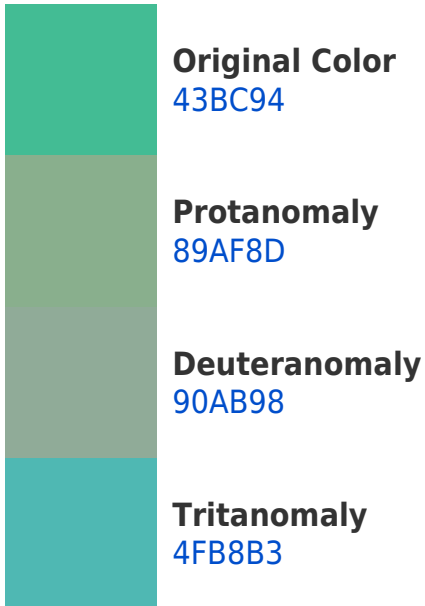
## Dichromacy





**Tritanopia**  
56B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43BC94 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 #43BC94 looks like.

```
.text, #text, p{  
    color:#43BC94  
}
```

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 #43BC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43BC94
}
```

## Border

The CSS property to change the border of an element to Hex 43BC94 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
#43BC94 }
```

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

```
.border{ border-color:#43BC94 }
```

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

Here you see how a box with a 4 pixel #43BC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43BC94; -webkit-box-shadow:4px 4px  
4px 4px #43BC94; box-shadow:4px 4px 4px  
4px #43BC94 }
```

# Background

The CSS property to change the background color of an element to Hex 43BC94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43BC94 }
```

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

```
.background{ background-color:#43BC94 }
```

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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