

# Converting Colors

Hex(43BBC0)

Have a look what the booklet for  
Hex(43BBC0) contains.

|  |    |
|--|----|
| <b>Hex(43BBC0)</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(43BBC0)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 43BBC0                       |
| RGB         | 67, 187, 192                 |
| RGB Percent | 26%, 73%, 75%                |
| CMY         | 0.7373, 0.2667, 0.2471       |
| CMYK        | 0.65, 0.03, 0.00, 0.25       |
| HSL         | 182°, 50%, 51%               |
| HSV         | 182°, 65%, 75%               |
| XYZ         | 29.5995, 40.5397, 56.1341    |
| YIQ         | 151.6900, -73.1250, -23.8850 |

# Conversions

## Conversions Part 2

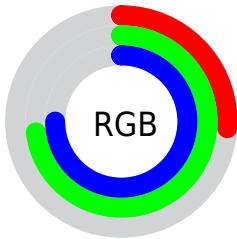
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 67, 128, 192                   |
| Decimal                             | 4438976                        |
| CIELab                              | 69.85, -31.14, -12.35          |
| CIELCh                              | 70, 33.500, 201.628            |
| Yxy                                 | 40.5397, 0.2344,<br>0.3210     |
| Android<br>(android.graphics.Color) | 4282629056<br>(0xFF43BBC0)     |
| YUV                                 | 151.6900, 19.8728,<br>-74.2731 |
| Hunter-Lab                          | 63.6708, -28.4422,<br>-7.7023  |

# Details

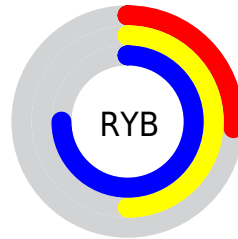
The Hex color **43BBC0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C04843**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **82F4F8**, and **00858B** is the 20% darker color. If you saturate the color by 10%, you get **30BAC0**, and if you desaturate by 10%, it is **56BCC0**.

# Distribution



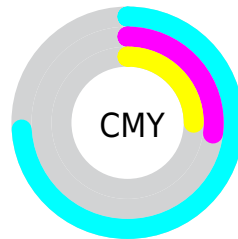
- Red (26%)
- Green (73%)
- Blue (75%)



- Red (26%)
- Yellow (50%)
- Blue (75%)



- Cyan (65%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (74%)
- Magenta (27%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43BBC0 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 43BBC0 by changing the saturation by 10% instead.



 43BBC0

 43BBC0

FFFFFF

 18A0A5

 82F4F8

 00858B

 A0FFFF

 006C71

 BEFFFF

 005359

 DCFFFF

 003B41

 FAFFFF

 00262B

 000118

 000000

 43BBC0

 43BBC0

■ 30BAC0

■ 56BCC0

■ 1DB9C0

■ 69BDC0

■ 09B9C0

■ 7DBDC0

■ 00B8C0

■ 90BEC0

■ A3BFC0

■ B6C0C0

■ C9C0C0

■ DDC1C0

■ F0C2C0

# Harmonies

## Analogous

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



61BBA1



43BBC0



49B8D9

# Triad

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



43BBC0



C99BD1



C7A66F

# Complementary

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



43BBC0



C04843

# 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.



DD9C7C



43BBC0



E194B5

# Square

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



43BBC0



A3A6E3



E79596



A9B071

# Rectangle

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



43BBC0



64B3E4



E79596



D0A271

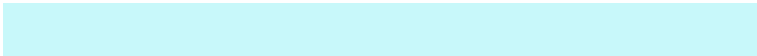


# Sweetspot

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



43BBC0



C8F8FA



43C047



5F7C7D



FCFCFC



7D7D7D



# Same Dimension

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



43BBC0



37F2FA



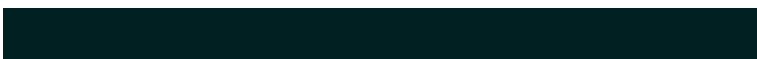
437DC0



576161



009AA1



002021



# Inverse Universe

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



C043BB



FA37F2



C08643



615761



A1009A

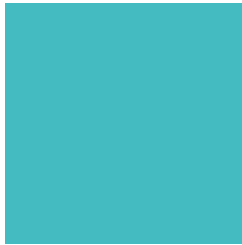


210020



# Previews

## White Background



This preview shows how the Hex color 43BBC0 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



This preview shows how the Hex color 43BBC0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

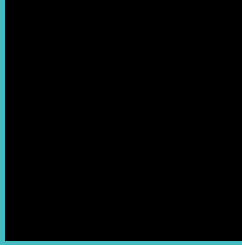
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

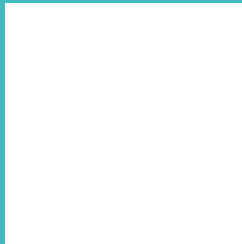
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 43BBC0 Background



This preview shows how black text looks on a background with the Hex color 43BBC0.

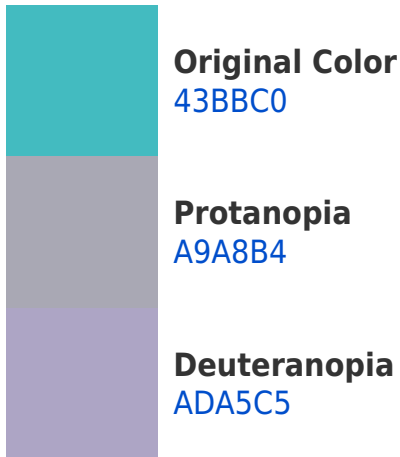


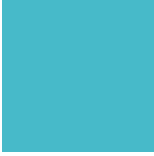
This preview shows how white text looks on a background with the Hex color 43BBC0.

# 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](#).

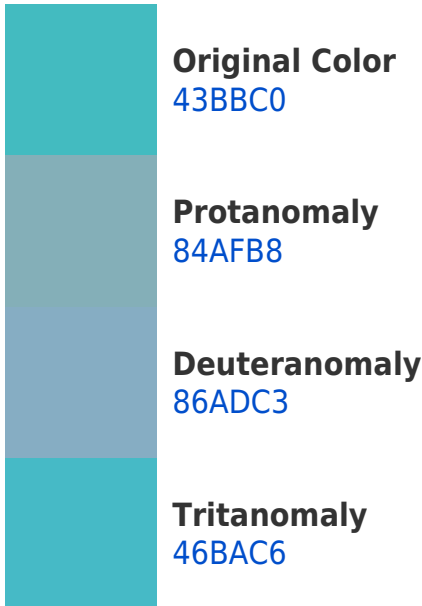
## Dichromacy





**Tritanopia**  
47BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43BBC0 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 #43BBC0 looks like.

```
.text, #text, p{  
    color:#43BBC0  
}
```

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 #43BBC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43BBC0  
}
```

## Border

The CSS property to change the border of an element to Hex 43BBC0 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  
#43BBC0 }
```

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

```
.border{ border-color:#43BBC0 }
```

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

Here you see how a box with a 4 pixel #43BBC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43BBC0; -webkit-box-shadow:4px 4px  
4px 4px #43BBC0; box-shadow:4px 4px 4px  
4px #43BBC0 }
```

# Background

The CSS property to change the background color of an element to Hex 43BBC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43BBC0 }
```

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

```
.background{ background-color:#43BBC0 }
```

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