

# Converting Colors

Hex(41BCBE)

Have a look what the booklet for  
Hex(41BCBE) contains.

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# Color

Hex(41BCBE)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 41BCBE                       |
| RGB         | 65, 188, 190                 |
| RGB Percent | 25%, 74%, 75%                |
| CMY         | 0.7451, 0.2627, 0.2549       |
| CMYK        | 0.66, 0.01, 0.00, 0.25       |
| HSL         | 181°, 49%, 50%               |
| HSV         | 181°, 66%, 75%               |
| XYZ         | 29.4575, 40.8080, 55.0394    |
| YIQ         | 151.4510, -73.9500, -25.4540 |

# Conversions

## Conversions Part 2

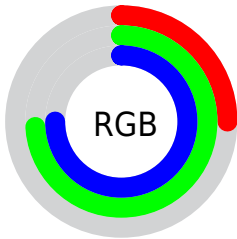
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 65, 127, 190                   |
| Decimal                             | 4308158                        |
| CIELab                              | 70.04, -32.50, -10.97          |
| CIELCh                              | 70, 34.302, 198.655            |
| Yxy                                 | 40.8080, 0.2351,<br>0.3257     |
| Android<br>(android.graphics.Color) | 4282498238<br>(0xFF41BCBE)     |
| YUV                                 | 151.4510, 19.0047,<br>-75.8175 |
| Hunter-Lab                          | 63.8811, -29.4803,<br>-6.3669  |

# Details

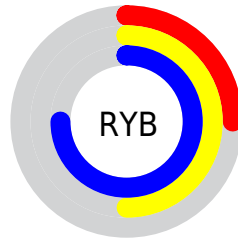
The Hex color **41BCBE** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE4341**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **80F5F6**, and **008689** is the 20% darker color. If you saturate the color by 10%, you get **2EBCBE**, and if you desaturate by 10%, it is **54BCBE**.

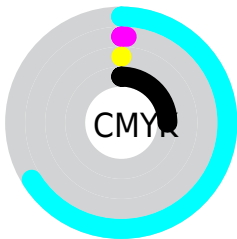
# Distribution



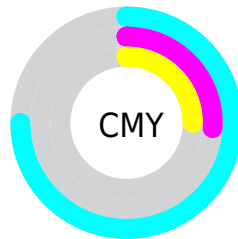
- Red (25%)
- Green (74%)
- Blue (75%)



- Red (25%)
- Yellow (50%)
- Blue (75%)



- Cyan (66%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (26%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41BCBE 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 41BCBE by changing the saturation by 10% instead.



 41BCBE

 41BCBE

FFFFFF

 13A1A3

 80F5F6

 008689

 9EFFFF

 006C6F

 BCFFFF

 005457

 DAFFFF

 003C40

 F9FFFF

 00262A

 000116

 000000

 41BCBE

 41BCBE

 2EBCBE

 54BCBE

 1BBBBE

 67BDBE

 08BBBE

 7ABDBE

 00BBBE

 8DBDBE

 A0BEBE

 B3BEBE

 C6BEBE

 D9BEBE

 ECBFBE

# Harmonies

## Analogous

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



63BB9E



41BCBE



42B9D9

# Triad

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



41BCBE



C79CD5



CBA56E

# Complementary

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



41BCBE



BE4341

# 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.



E19B7E



41BCBE



E195B8

# Square

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



41BCBE



9EA7E6



E99499



ADAF6F

# Rectangle

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



41BCBE



5DB5E4



E99499



D3A272

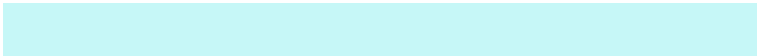


# Sweetspot

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



41BCBE



C6F7F7



41BE41



5F7C7D



FCFCFC



7D7D7D



# Same Dimension

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



41BCBE



34F4F7



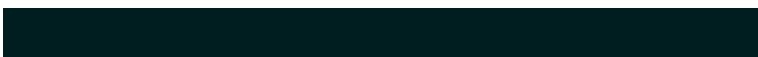
4180BE



555E5E



009C9E



001E1F



# Inverse Universe

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



BE41BC



F734F4



BE8041



5E555E



9E009C

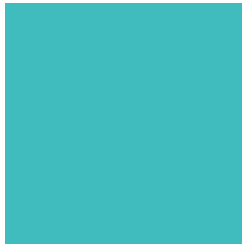


1F001E



# Previews

## White Background



This preview shows how the Hex color 41BCBE looks on a white background.

## Color Contrast Check

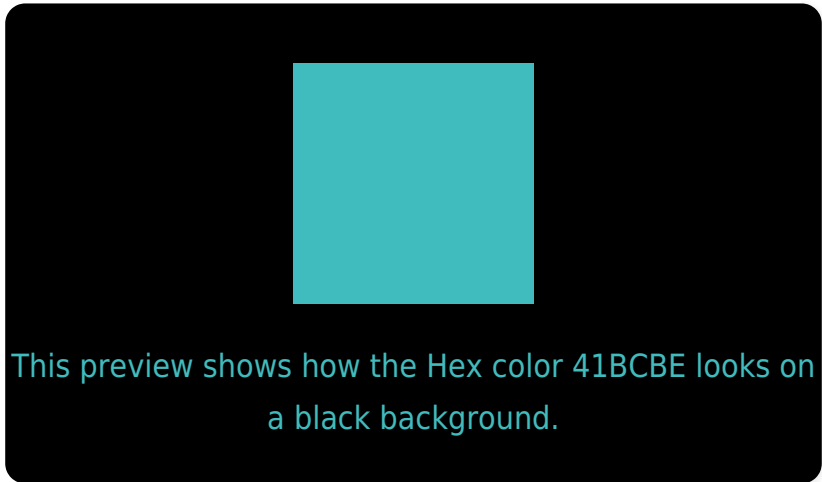
Large Text (above 18pt) WCAG AA × Fail

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

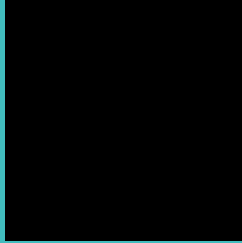
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

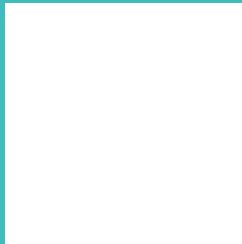
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41BCBE Background



This preview shows how black text looks on a background with the Hex color 41BCBE.

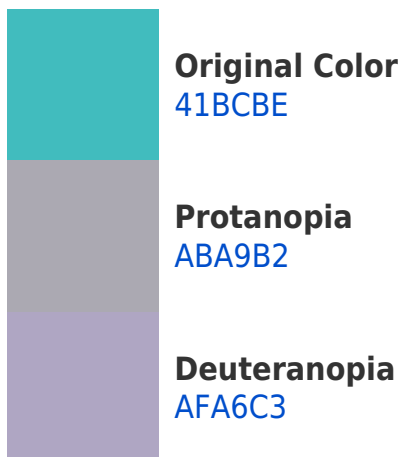


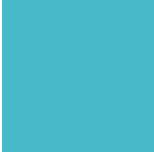
This preview shows how white text looks on a background with the Hex color 41BCBE.

# 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 41BCBE 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 #41BCBE looks like.

```
.text, #text, p{  
    color:#41BCBE  
}
```

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 #41BCBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41BCBE
}
```

## Border

The CSS property to change the border of an element to Hex 41BCBE 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
#41BCBE }
```

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

```
.border{ border-color:#41BCBE }
```

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

Here you see how a box with a 4 pixel #41BCBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41BCBE; -webkit-box-shadow:4px 4px  
4px 4px #41BCBE; box-shadow:4px 4px 4px  
4px #41BCBE }
```

# Background

The CSS property to change the background color of an element to Hex 41BCBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41BCBE }
```

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

```
.background{ background-color:#41BCBE }
```

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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