

Converting Colors

Hex(41BBC1)

Have a look what the booklet for
Hex(41BBC1) contains.

Hex(41BBC1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(41BBC1)

Conversions

Conversions Part 1

Format	Color
Hex	41BBC1
RGB	65, 187, 193
RGB Percent	25%, 73%, 76%
CMY	0.7451, 0.2667, 0.2431
CMYK	0.66, 0.03, 0.00, 0.24
HSL	183°, 51%, 51%
HSV	183°, 66%, 76%
XYZ	29.5759, 40.5147, 56.7134
YIQ	151.2060, -74.6380, -23.9980

Conversions

Conversions Part 2

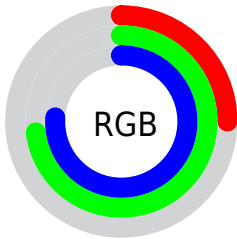
Format	Color
RYB	65, 127, 193
Decimal	4307905
CIELab	69.83, -31.16, -12.93
CIELCh	70, 33.731, 202.535
Yxy	40.5147, 0.2332, 0.3195
Android (android.graphics.Color)	4282497985 (0xFF41BBC1)
YUV	151.2060, 20.6044, -75.6027
Hunter-Lab	63.6512, -28.4484, -8.2717

Details

The Hex color **41BBC1** 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 **C14741**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **81F4F9**, and **00858C** is the 20% darker color. If you saturate the color by 10%, you get **2EBAC1**, and if you desaturate by 10%, it is **54BCC1**.

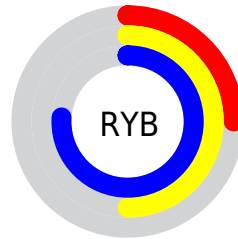
Distribution



Red (25%)

Green (73%)

Blue (76%)



Red (25%)

Yellow (50%)

Blue (76%)

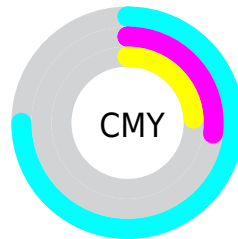


Cyan (66%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (75%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41BBC1 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 41BBC1 by changing the saturation by 10% instead.



41BBC1



41BBC1

FFFFFF



13A0A6



81F4F9



00858C



9FFFFFF



006C72



BCFFFF



00535A



DBFFFF



003B42



F9FFFF



00262C



000118



000000



41BBC1



41BBC1

■ 2EBAC1

■ 54BCC1

■ 1AB9C1

■ 68BDC1

■ 07B8C1

■ 7BBEC1

■ 00B8C1

■ 8EBFC1

■ A1C0C1

■ B5C0C1

■ C8C1C1

■ DBC2C1

■ EFC3C1

Harmonies

Analogous

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



5FBBA2



41BBC1



49B7DA

Triad

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



41BBC1



CA9BD0



C7A66E

Complementary

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



41BBC1



C14741

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.



DD9C7B



41BBC1



E194B4

Square

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



41BBC1



A4A6E3



E79595



A8B071

Rectangle

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



41BBC1



64B3E4



E79595



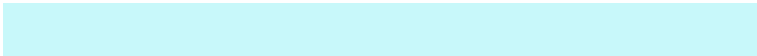
CFA371

Sweetspot

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



41BBC1



C8F8FA



41C145



5F7C7D



FCFCFC



7D7D7D

Same Dimension

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



41BBC1



32F1FA



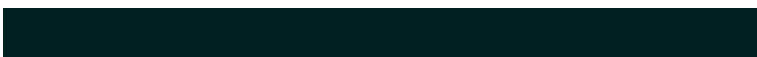
417DC1



576061



0099A1



002021

Inverse Universe

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



C141BB



FA32F1



C18541



615760



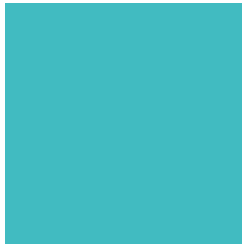
A10099



210020

Previews

White Background



This preview shows how the Hex color 41BBC1 looks on a white background.

Color Contrast Check

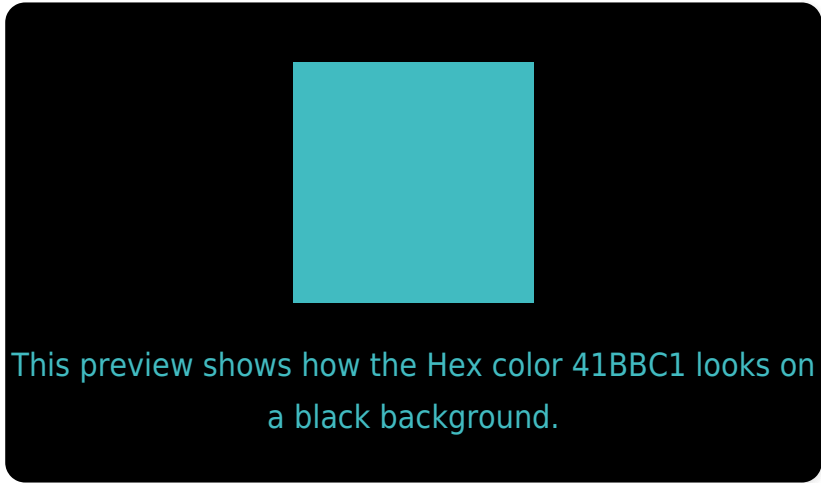
Large Text (above 18pt) WCAG AA × Fail

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

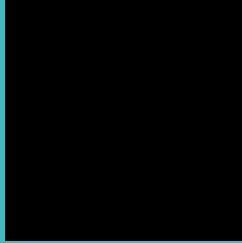
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

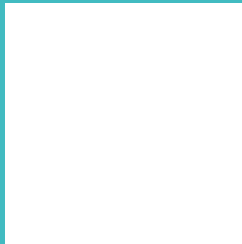
Any Text WCAG AAA ✓ Pass

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

Hex 41BBC1 Background



This preview shows how black text looks on a background with the Hex color 41BBC1.

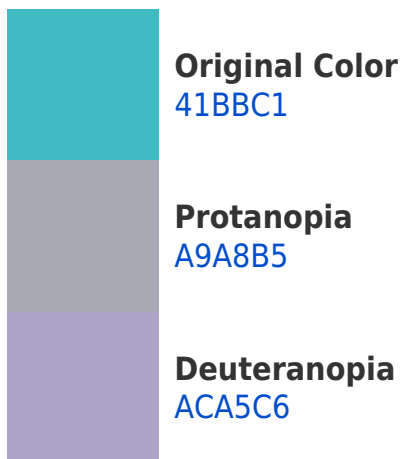


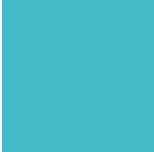
This preview shows how white text looks on a background with the Hex color 41BBC1.

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
45BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41BBC1 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 #41BBC1 looks like.

```
.text, #text, p{  
    color:#41BBC1  
}
```

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 #41BBC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41BBC1
}
```

Border

The CSS property to change the border of an element to Hex 41BBC1 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
#41BBC1 }
```

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

```
.border{ border-color:#41BBC1 }
```

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

Here you see how a box with a 4 pixel #41BBC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41BBC1; -webkit-box-shadow:4px 4px  
4px 4px #41BBC1; box-shadow:4px 4px 4px  
4px #41BBC1 }
```

Background

The CSS property to change the background color of an element to Hex 41BBC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41BBC1 }
```

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

```
.background{ background-color:#41BBC1 }
```

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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