

Converting Colors

Hex(4BCBC1)

Have a look what the booklet for
Hex(4BCBC1) contains.

Hex(4BCBC1)	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(4BCBC1)

Conversions

Conversions Part 1

Format	Color
Hex	4BCBC1
RGB	75, 203, 193
RGB Percent	29%, 80%, 76%
CMY	0.7059, 0.2039, 0.2431
CMYK	0.63, 0.00, 0.05, 0.20
HSL	175°, 55%, 55%
HSV	175°, 63%, 80%
XYZ	33.8832, 48.0580, 57.9424
YIQ	163.5880, -73.0780, -30.2460

Conversions

Conversions Part 2

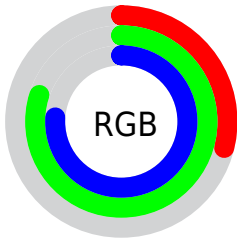
Format	Color
RYB	75, 142, 203
Decimal	4967361
CIELab	74.86, -37.12, -5.41
CIElCh	75, 37.508, 188.300
Yxy	48.0580, 0.2422, 0.3436
Android (android.graphics.Color)	4283157441 (0xFF4BCBC1)
YUV	163.5880, 14.5001, -77.6917
Hunter-Lab	69.3239, -34.0718, -1.0291

Details

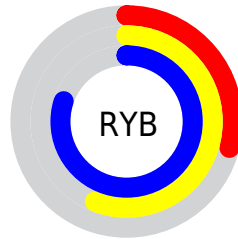
The Hex color **4BCBC1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CB4B55**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8AFFF9**, and **00948C** is the 20% darker color. If you saturate the color by 10%, you get **37CBBF**, and if you desaturate by 10%, it is **5FCBC3**.

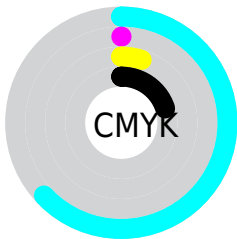
Distribution



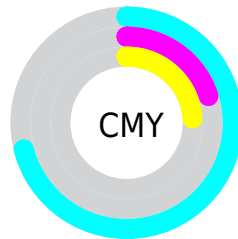
- Red (29%)
- Green (80%)
- Blue (76%)



- Red (29%)
- Yellow (56%)
- Blue (80%)



- Cyan (63%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (71%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BCBC1 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 4BCBC1 by changing the saturation by 10% instead.

 4BCBC1

 4BCBC1

FFFFFF

 24AFA6

 8AFF9

 00948C

 A8FFFF

 007A72

 C5FFFF

 00605A

 E4FFFF

 004842

 00302C

 001A18

 000000

 4BCBC1

 4BCBC1

■ 37CBBF

■ 5FCBC3

■ 22CBBE

■ 74CBC4

■ 0ECBBC

■ 88CBC6

■ 00CBBB

■ 9CCBC7

■ B1CBC9

■ C5CBCB

■ D9CBCC

■ EDCBCE

■ FFCBCF

Harmonies

Analogous

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



77C99E



4BCBC1



36C9E2

Triad

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



4BCBC1



C9ACEF



E5AD79

Complementary

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



4BCBC1



CB4B55

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.



F8A38F



4BCBC1



ECA1D3

Square

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



4BCBC1



97B8FC



FB9EB0



C6B973

Rectangle

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



4BCBC1



4DC5F2



FB9EB0



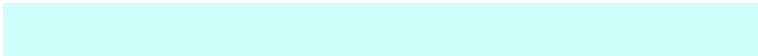
EDAA7F

Sweetspot

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



4BCBC1



CFFFFB



56CB4B



62807D



000000



808080

Same Dimension

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



4BCBC1



3DFFF0



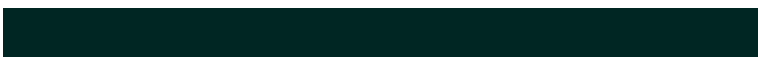
4B96CB



5C6665



00A699



002623

Inverse Universe

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



CB4B55



FF3D4C



CB804B



665C5D



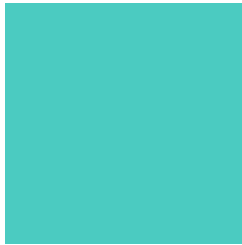
A6000D



260003

Previews

White Background



This preview shows how the Hex color 4BCBC1 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 4BCBC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

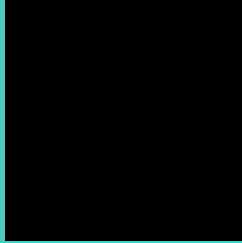
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

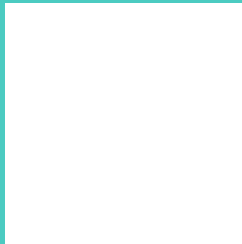
Any Text WCAG AAA ✓ Pass

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

Hex 4BCBC1 Background



This preview shows how black text looks on a background with the Hex color 4BCBC1.



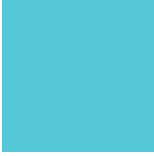
This preview shows how white text looks on a background with the Hex color 4BCBC1.

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



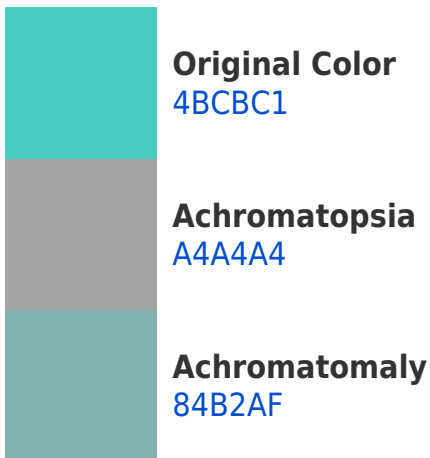


Tritanopia
55C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BCBC1 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 #4BCBC1 looks like.

```
.text, #text, p{  
    color:#4BCBC1  
}
```

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 #4BCBC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BCBC1
}
```

Border

The CSS property to change the border of an element to Hex 4BCBC1 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
#4BCBC1 }
```

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

```
.border{ border-color:#4BCBC1 }
```

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

Here you see how a box with a 4 pixel #4BCBC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BCBC1; -webkit-box-shadow:4px 4px  
4px 4px #4BCBC1; box-shadow:4px 4px 4px  
4px #4BCBC1 }
```

Background

The CSS property to change the background color of an element to Hex 4BCBC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BCBC1 }
```

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

```
.background{ background-color:#4BCBC1 }
```

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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