

Converting Colors

Hex(4CBEB1)

Have a look what the booklet for
Hex(4CBEB1) contains.

Hex(4CBEB1)	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(4CBEB1)

Conversions

Conversions Part 1

Format	Color
Hex	4CBEB1
RGB	76, 190, 177
RGB Percent	30%, 75%, 69%
CMY	0.7020, 0.2549, 0.3059
CMYK	0.60, 0.00, 0.07, 0.25
HSL	173°, 47%, 52%
HSV	173°, 60%, 75%
XYZ	29.3298, 41.5377, 48.0667
YIQ	154.4320, -63.7710, -28.2110

Conversions

Conversions Part 2

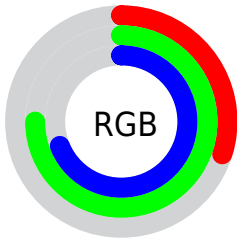
Format	Color
RYB	76, 136, 190
Decimal	5029553
CIELab	70.55, -35.19, -3.06
CIELCh	71, 35.319, 184.969
Yxy	41.5377, 0.2466, 0.3492
Android (android.graphics.Color)	4283219633 (0xFF4CBEB1)
YUV	154.4320, 11.1260, -68.7849
Hunter-Lab	64.4498, -31.5555, 0.8963

Details

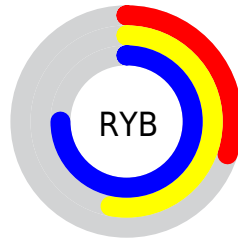
The Hex color **4CBEB1** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE4C59**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **88F7E9**, and **00887D** is the 20% darker color. If you saturate the color by 10%, you get **39BEAF**, and if you desaturate by 10%, it is **5FBEB3**.

Distribution



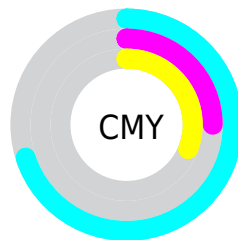
- Red (30%)
- Green (75%)
- Blue (69%)



- Red (30%)
- Yellow (53%)
- Blue (75%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (70%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CBEB1 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 4CBEB1 by changing the saturation by 10% instead.



4CBEB1



4CBEB1

FFFFFF



29A396



88F7E9



00887D



A5FFFF



006E64



C3FFFF



00554C



E0FFFF



003D35

FEFFFF



002720



000409



000000



4CBEB1



4CBEB1

■ 39BEAF

■ 5FBEB3

■ 26BEAD

■ 72BEB5

■ 13BEAB

■ 85BEB8

■ 00BEA8

■ 98BEBA

■ ABBEBC

■ BEBEBE

■ D1BEC0

■ E4BEC2

■ F7BEC5

Harmonies

Analogous

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



74BC90



4CBEB1



35BDD0

Triad

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



4CBEB1



B8A2E1



D9A173

Complementary

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



4CBEB1



BE4C59

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.



E99889



4CBEB1



DA98C8

Square

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



4CBEB1



88AEEC



EA94A8



BDAC6C

Rectangle

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



4CBEB1



45B9E0



EA94A8



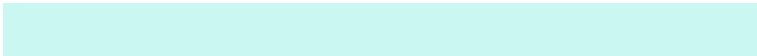
E09E79

Sweetspot

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



4CBEB1



CBF7F2



59BE4C



617D7A



FCFCFC



7D7D7D

Same Dimension

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



4CBEB1



45F7E3



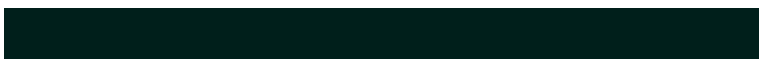
4C92BE



555E5D



009E8C



001F1B

Inverse Universe

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



BE4C59



F7455A



BE784C



5E5556



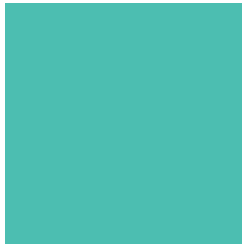
9E0012



1F0003

Previews

White Background



This preview shows how the Hex color 4CBEB1 looks on a white background.

Color Contrast Check

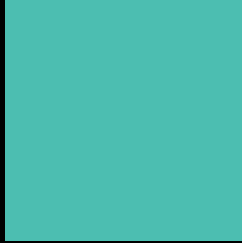
Large Text (above 18pt) WCAG AA × Fail

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 4CBEB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

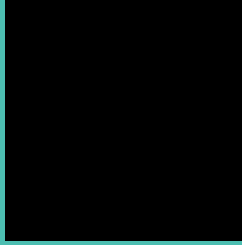
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

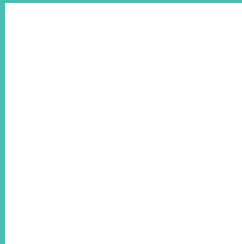
Any Text WCAG AAA ✓ Pass

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

Hex 4CBEB1 Background



This preview shows how black text looks on a background with the Hex color 4CBEB1.

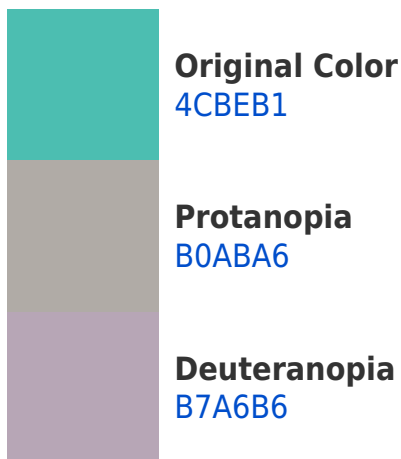


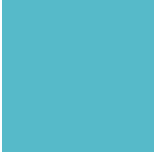
This preview shows how white text looks on a background with the Hex color 4CBEB1.

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



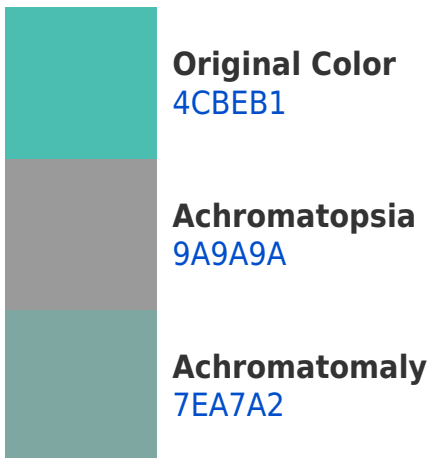


Tritanopia
56BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CBEB1 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 #4CBEB1 looks like.

```
.text, #text, p{  
    color:#4CBEB1  
}
```

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 #4CBEB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CBEB1
}
```

Border

The CSS property to change the border of an element to Hex 4CBEB1 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
#4CBEB1 }
```

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

```
.border{ border-color:#4CBEB1 }
```

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

Here you see how a box with a 4 pixel #4CBEB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CBEB1; -webkit-box-shadow:4px 4px  
4px 4px #4CBEB1; box-shadow:4px 4px 4px  
4px #4CBEB1 }
```

Background

The CSS property to change the background color of an element to Hex 4CBEB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CBEB1 }
```

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

```
.background{ background-color:#4CBEB1 }
```

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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