

Converting Colors

Hex(4EBCC3)

Have a look what the booklet for
Hex(4EBCC3) contains.

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Color

Hex(4EBCC3)

Conversions

Conversions Part 1

Format	Color
Hex	4EBCC3
RGB	78, 188, 195
RGB Percent	31%, 74%, 76%
CMY	0.6941, 0.2627, 0.2353
CMYK	0.60, 0.04, 0.00, 0.24
HSL	184°, 49%, 54%
HSV	184°, 60%, 76%
XYZ	30.9754, 41.5263, 58.0126
YIQ	155.9080, -67.8070, -21.1430

Conversions

Conversions Part 2

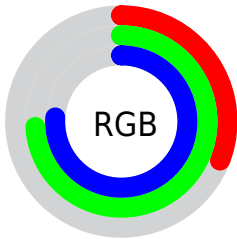
Format	Color
RYB	78, 135, 195
Decimal	5160131
CIELab	70.54, -28.95, -12.93
CIELCh	71, 31.702, 204.061
Yxy	41.5263, 0.2373, 0.3182
Android (android.graphics.Color)	4283350211 (0xFF4EBCC3)
YUV	155.9080, 19.2724, -68.3253
Hunter-Lab	64.4409, -26.9702, -8.2669

Details

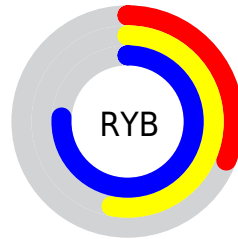
The Hex color **4EBCC3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C3554E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8BF5FC**, and **00868D** is the 20% darker color. If you saturate the color by 10%, you get **3BBBC3**, and if you desaturate by 10%, it is **62BDC3**.

Distribution



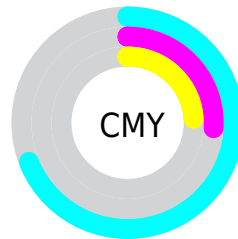
- Red (31%)
- Green (74%)
- Blue (76%)



- Red (31%)
- Yellow (53%)
- Blue (76%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EBCC3 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 4EBCC3 by changing the saturation by 10% instead.

 4EBCC3

 4EBCC3

FFFFFF

 2BA1A8

 8BF5FC

 00868D

 A8FFFF

 006D74

 C6FFFF

 00545B

 E3FFFF

 003C44

 00262E

 00051A

 000000

 4EBCC3

 4EBCC3

3BBBC3

62BDC3

27BAC3

75BEC3

13B9C3

88C0C3

00B7C3

9CC1C3

B0C2C3

C3C3C3

D7C4C3

EAC5C3

FEC6C3

Harmonies

Analogous

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



66BCA6



4EBCC3



57B8DA

Triad

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



4EBCC3



CC9DCF



C6A973

Complementary

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



4EBCC3



C3554E

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.



DC9F7F



4EBCC3



E197B3

Square

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



4EBCC3



A9A7E1



E69896



A9B277

Rectangle

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



4EBCC3



6FB4E3



E69896



CEA576

Sweetspot

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



4EBCC3



CFFAFC



4EC354



637E80



000000



808080

Same Dimension

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



4EBCC3



47F2FC



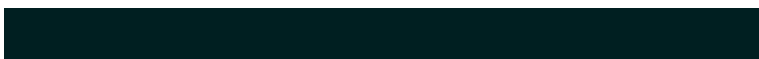
4E83C3



576061



0097A1



001F21

Inverse Universe

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



C34EBC



FC47F2



C38E4E



615760



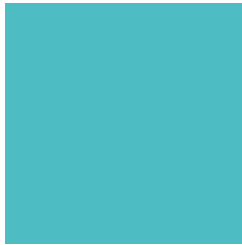
A10097



21001F

Previews

White Background



This preview shows how the Hex color 4EBCC3 looks on a white background.

Color Contrast Check

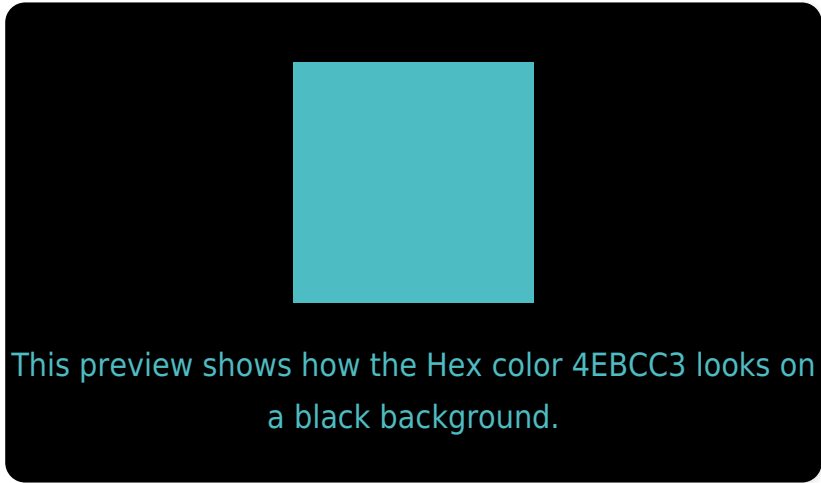
Large Text (above 18pt) WCAG AA × Fail

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

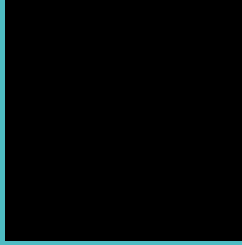
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

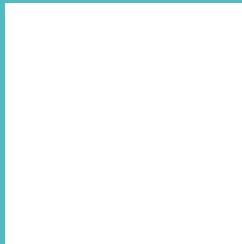
Any Text WCAG AAA ✓ Pass

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

Hex 4EBCC3 Background



This preview shows how black text looks on a background with the Hex color 4EBCC3.

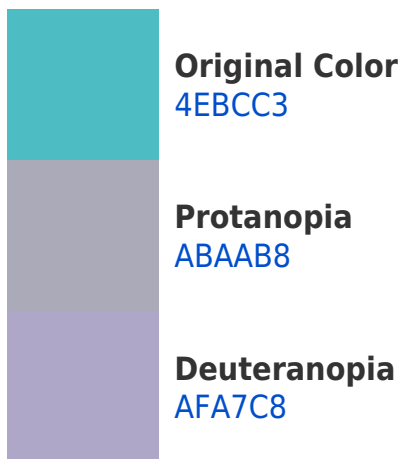


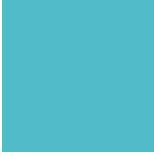
This preview shows how white text looks on a background with the Hex color 4EBCC3.

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



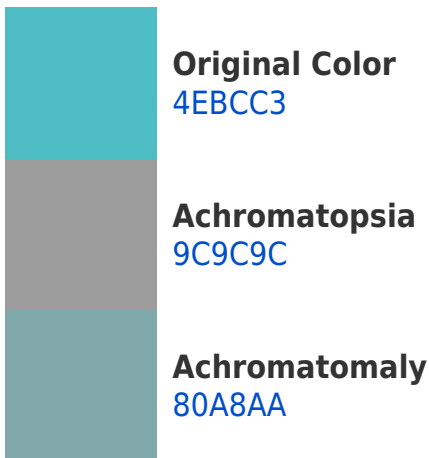


Tritanopia
51BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EBCC3 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 #4EBCC3 looks like.

```
.text, #text, p{  
    color:#4EBCC3  
}
```

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 #4EBCC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBCC3
}
```

Border

The CSS property to change the border of an element to Hex 4EBCC3 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
#4EBCC3 }
```

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

```
.border{ border-color:#4EBCC3 }
```

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

Here you see how a box with a 4 pixel #4EBCC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBCC3; -webkit-box-shadow:4px 4px  
4px 4px #4EBCC3; box-shadow:4px 4px 4px  
4px #4EBCC3 }
```

Background

The CSS property to change the background color of an element to Hex 4EBCC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBCC3 }
```

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

```
.background{ background-color:#4EBCC3 }
```

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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