

Converting Colors

Hex(4EBCA4)

Have a look what the booklet for
Hex(4EBCA4) contains.

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Color

Hex(4EBCA4)

Conversions

Conversions Part 1

Format	Color
Hex	4EBCA4
RGB	78, 188, 164
RGB Percent	31%, 74%, 64%
CMY	0.6941, 0.2627, 0.3569
CMYK	0.59, 0.00, 0.13, 0.26
HSL	167°, 45%, 52%
HSV	167°, 59%, 74%
XYZ	27.8259, 40.2665, 41.4276
YIQ	152.3740, -57.8560, -30.7840

Conversions

Conversions Part 2

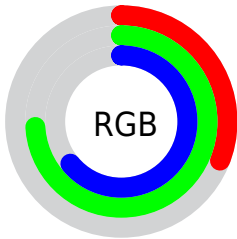
Format	Color
RYB	78, 140, 188
Decimal	5160100
CIELab	69.66, -37.22, 2.76
CIElCh	70, 37.320, 175.753
Yxy	40.2665, 0.2541, 0.3677
Android (android.graphics.Color)	4283350180 (0xFF4EBCA4)
YUV	152.3740, 5.7316, -65.2260
Hunter-Lab	63.4559, -32.7740, 5.7112

Details

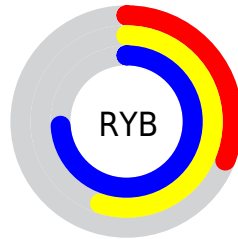
The Hex color **4EBCA4** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC4E66**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **89F5DB**, and **008670** is the 20% darker color. If you saturate the color by 10%, you get **3BBCA0**, and if you desaturate by 10%, it is **61BCA8**.

Distribution



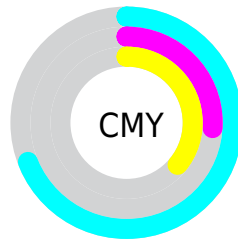
- Red (31%)
- Green (74%)
- Blue (64%)



- Red (31%)
- Yellow (55%)
- Blue (74%)



- Cyan (59%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)



- Cyan (69%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EBCA4 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 4EBCA4 by changing the saturation by 10% instead.



4EBCA4



4EBCA4

FFFFFF



2DA18A



89F5DB



008670



A6FFF7



006C58



C3FFFF



005341



E0FFFF



003B2B

FEFFFF



002616



000000



4EBCA4



4EBCA4



3BBCA0



61BCA8

 28BC9C

 74BCAC

 16BC98

 86BCB0

 03BC94

 99BCB4

 00BC93

 ACBCB9

 BFBCBD

 D2BCC1

 E4BCC5

 F7BCC9

Harmonies

Analogous

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



7BB883



4EBCA4



1FBCC6

Triad

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



4EBCA4



A7A3E7



DF9B73

Complementary

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



4EBCA4



BC4E66

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.



EC928E



4EBCA4



D097D1

Square

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



4EBCA4



71AFED



E890B0



C5A666

Rectangle

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



4EBCA4



23B9DA



E890B0



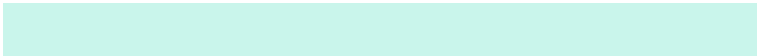
E5977B

Sweetspot

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



4EBCA4



C9F5EB



68BC4E



5F7A75



FAFAFA



7A7A7A

Same Dimension

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



4EBCA4



49F5CF



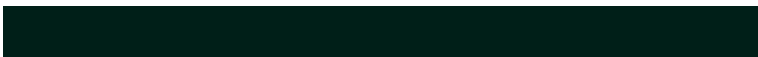
4E9FBC



555E5C



009E7C



001F18

Inverse Universe

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



BC4E66



F5496F



BC6B4E



5E5557



9E0022



1F0007

Previews

White Background



This preview shows how the Hex color 4EBCA4 looks on a white background.

Color Contrast Check

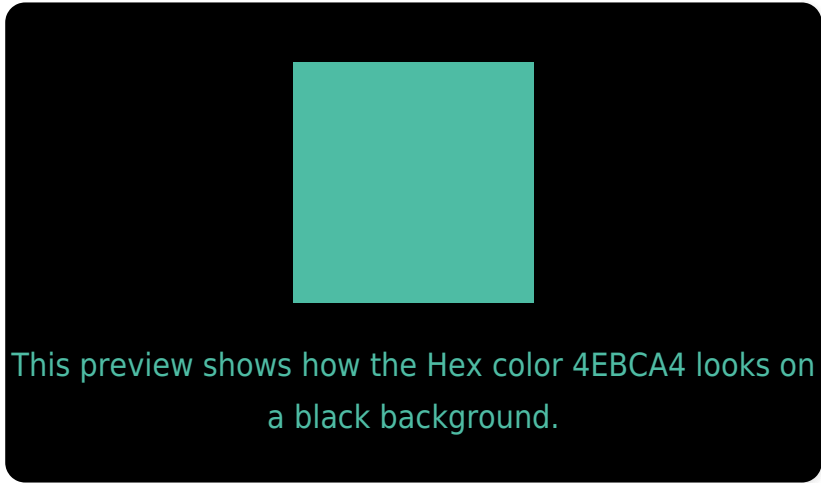
Large Text (above 18pt) WCAG AA × Fail

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

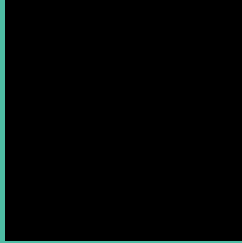
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

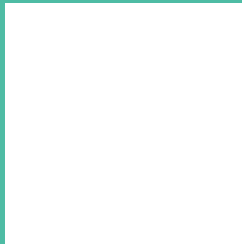
Any Text WCAG AAA ✓ Pass

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

Hex 4EBCA4 Background



This preview shows how black text looks on a background with the Hex color 4EBCA4.

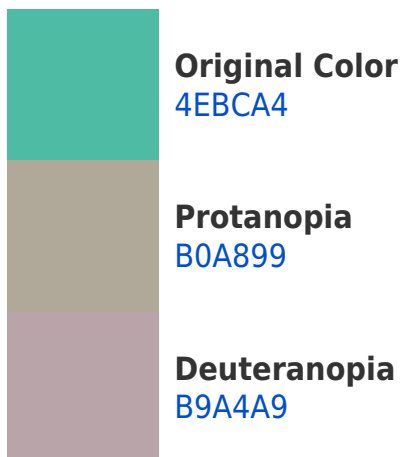


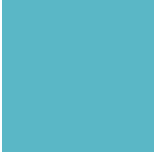
This preview shows how white text looks on a background with the Hex color 4EBCA4.

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](#).

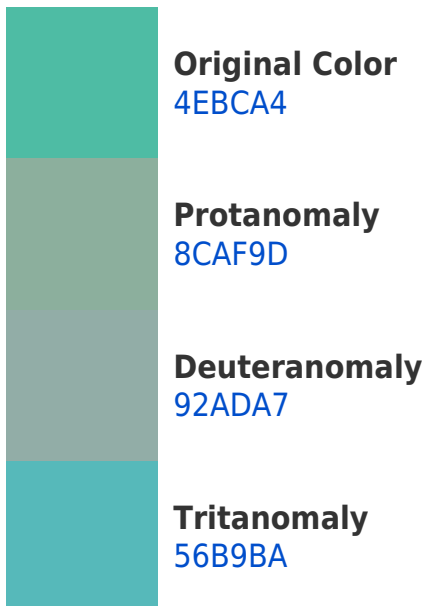
Dichromacy





Tritanopia
5AB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EBCA4 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 #4EBCA4 looks like.

```
.text, #text, p{  
    color:#4EBCA4  
}
```

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 #4EBCA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBCA4
}
```

Border

The CSS property to change the border of an element to Hex 4EBCA4 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
#4EBCA4 }
```

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

```
.border{ border-color:#4EBCA4 }
```

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

Here you see how a box with a 4 pixel #4EBCA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBCA4; -webkit-box-shadow:4px 4px  
4px 4px #4EBCA4; box-shadow:4px 4px 4px  
4px #4EBCA4 }
```

Background

The CSS property to change the background color of an element to Hex 4EBCA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBCA4 }
```

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

```
.background{ background-color:#4EBCA4 }
```

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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