

Converting Colors

Hex(4EBEA8)

Have a look what the booklet for
Hex(4EBEA8) contains.

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Color

Hex(4EBEA8)

Conversions

Conversions Part 1

Format	Color
Hex	4EBEA8
RGB	78, 190, 168
RGB Percent	31%, 75%, 66%
CMY	0.6941, 0.2549, 0.3412
CMYK	0.59, 0.00, 0.12, 0.25
HSL	168°, 46%, 53%
HSV	168°, 59%, 75%
XYZ	28.6232, 41.2738, 43.5038
YIQ	154.0040, -59.6900, -30.5860

Conversions

Conversions Part 2

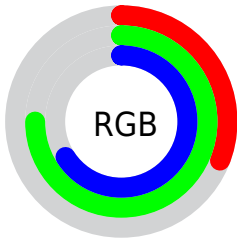
Format	Color
RYB	78, 140, 190
Decimal	5160616
CIELab	70.37, -37.13, 1.60
CIElCh	70, 37.165, 177.527
Yxy	41.2738, 0.2524, 0.3640
Android (android.graphics.Color)	4283350696 (0xFF4E8EA8)
YUV	154.0040, 6.9000, -66.6555
Hunter-Lab	64.2447, -32.9002, 4.8225

Details

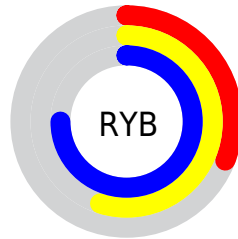
The Hex color **4EBEA8** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE4E64**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **89F7DF**, and **008874** is the 20% darker color. If you saturate the color by 10%, you get **3BBEA4**, and if you desaturate by 10%, it is **61BEAC**.

Distribution



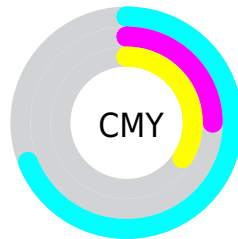
- Red (31%)
- Green (75%)
- Blue (66%)



- Red (31%)
- Yellow (55%)
- Blue (75%)



- Cyan (59%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (69%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EBEA8 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 4EBEA8 by changing the saturation by 10% instead.

 4EBEA8

 4EBEA8

FFFFFF

 2DA38E

 89F7DF

 008874

 A6FFFC

 006E5C

 C3FFFF

 005544

 E1FFFF

 003D2E

 002719

 000300

 000000

 4EBEA8

 4EBEA8

 3BBEA4

 61BEAC

 28BEA1

 74BEAF

 15BE9D

 87BEB3

 02BE99

 9ABEB7

 00BE99

 ADBEBB

 C0BEBE

 D3BEC2

 E6BEC6

 F9BECA

Harmonies

Analogous

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



7BBB87



4EBEA8



24BECA

Triad

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



4EBEA8



ACA4E8



E09D74

Complementary

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



4EBEA8



BE4E64

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.



ED948F



4EBEA8



D499D1

Square

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



4EBEA8



77B0EF



EA92B0



C5A968

Rectangle

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



4E8E88



2BBDD



EA92B0



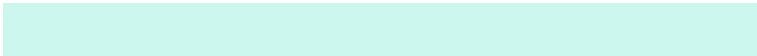
E69A7C

Sweetspot

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



4E8EA8



CBF7EF



64BE4E



617D78



FCFCFC



7D7D7D

Same Dimension

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



4EBEA8



48F7D5



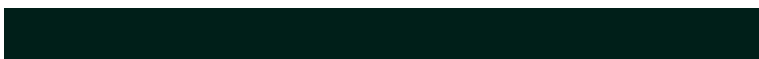
4E9CBE



555E5C



009E7F



001F19

Inverse Universe

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



BE4E64



F7486A



BE704E



5E5557



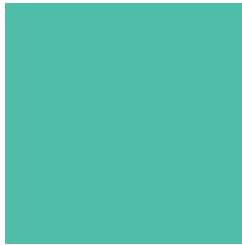
9E001F



1F0006

Previews

White Background



This preview shows how the Hex color 4EBEA8 looks on a white background.

Color Contrast Check

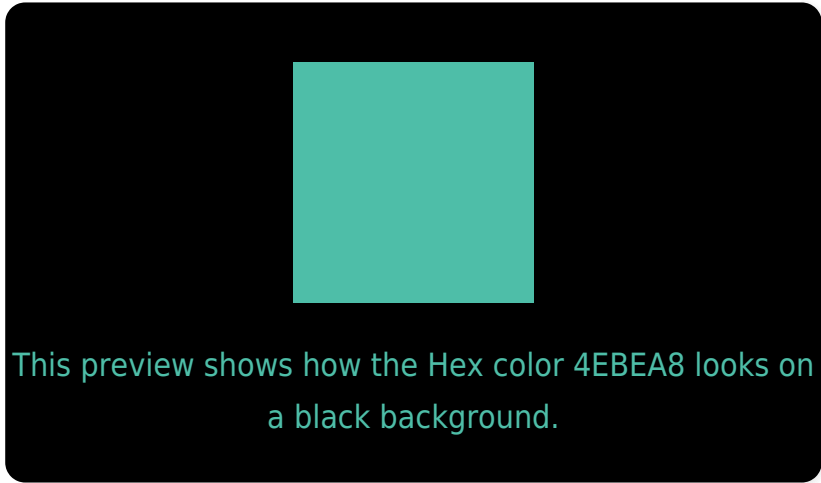
Large Text (above 18pt) WCAG AA × Fail

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

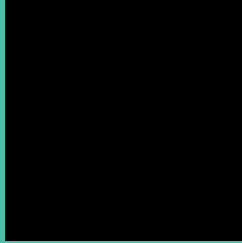
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

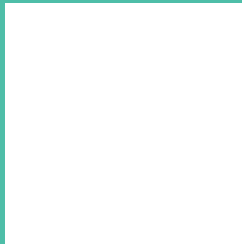
Any Text WCAG AAA ✓ Pass

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

Hex 4EBEA8 Background



This preview shows how black text looks on a background with the Hex color 4EBEA8.

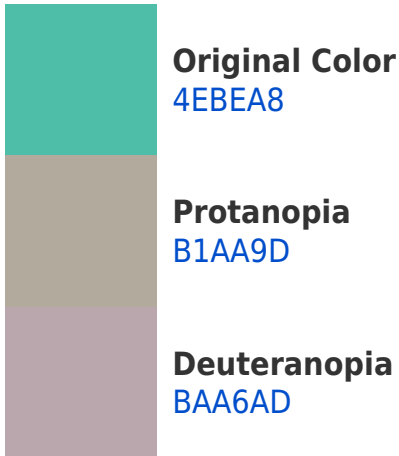


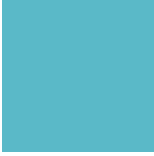
This preview shows how white text looks on a background with the Hex color 4EBEA8.

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](#).

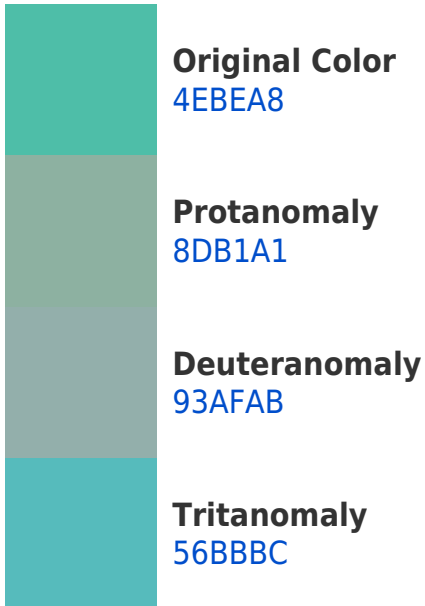
Dichromacy



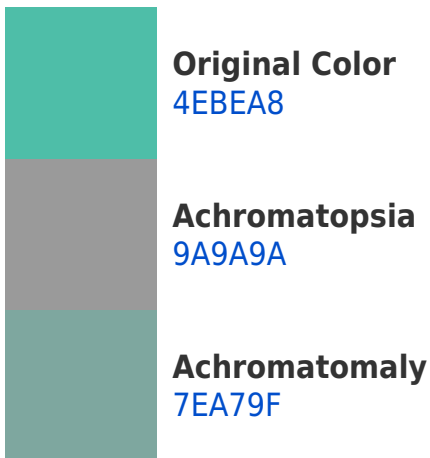


Tritanopia
5AB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EBEA8 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 #4EBEA8 looks like.

```
.text, #text, p{  
    color:#4EBEA8  
}
```

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 #4EBEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBEA8
}
```

Border

The CSS property to change the border of an element to Hex 4EBEA8 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
#4EBEA8 }
```

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

```
.border{ border-color:#4E8E8E }
```

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

Here you see how a box with a 4 pixel #4E8E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8E8E; -webkit-box-shadow:4px 4px  
4px 4px #4E8E8E; box-shadow:4px 4px 4px  
4px #4E8E8E }
```

Background

The CSS property to change the background color of an element to Hex 4EBEA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBEA8 }
```

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

```
.background{ background-color:#4EBEA8 }
```

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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