

Converting Colors

Hex(4EBA7A)

Have a look what the booklet for
Hex(4EBA7A) contains.

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Color

Hex(4EBA7A)

Conversions

Conversions Part 1

Format	Color
Hex	4EBA7A
RGB	78, 186, 122
RGB Percent	31%, 73%, 48%
CMY	0.6941, 0.2706, 0.5216
CMYK	0.58, 0.00, 0.34, 0.27
HSL	144°, 44%, 52%
HSV	144°, 58%, 73%
XYZ	24.2136, 38.1427, 24.4984
YIQ	146.4120, -43.8240, -42.8000

Conversions

Conversions Part 2

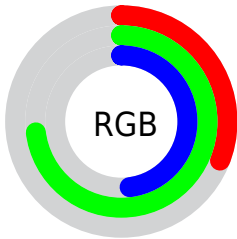
Format	Color
RYB	78, 155, 186
Decimal	5159546
CIELab	68.13, -45.65, 23.40
CIElCh	68, 51.295, 152.858
Yxy	38.1427, 0.2788, 0.4392
Android (android.graphics.Color)	4283349626 (0xFF4EBA7A)
YUV	146.4120, -12.0351, -59.9973
Hunter-Lab	61.7597, -38.0965, 19.7131

Details

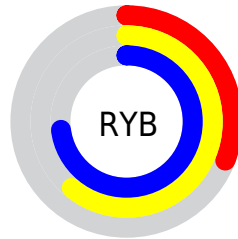
The Hex color **4EBA7A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA4E8E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **88F3AF**, and **008449** is the 20% darker color. If you saturate the color by 10%, you get **3BBA6F**, and if you desaturate by 10%, it is **61BA85**.

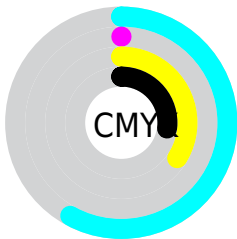
Distribution



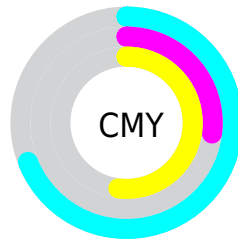
- Red (31%)
- Green (73%)
- Blue (48%)



- Red (31%)
- Yellow (61%)
- Blue (73%)



- Cyan (58%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)



- Cyan (69%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EBA7A 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 4EBA7A by changing the saturation by 10% instead.

 4EBA7A

 4EBA7A


FFFFFF

 2E9F61

 88F3AF

 008449

 A4FFCA

 006A31

 C1FFE7

 00511B

 DFFFFFF

 003903

 FCFFFF

 002300

 000000

 4EBA7A

 4EBA7A

 3BBA6F

 61BA85

 29BA64

 73BA90

 16BA59

 86BA9B

 04BA4E

 98BAA6

 00BA4C

 ABBAB1

 BEBABC

 D0BAC7

 E3BAD2

 F5BADD

Harmonies

Analogous

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



8DB255



4EBA7A



00BDA9

Triad

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



4EBA7A



59A AFF



F98476

Complementary

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



4EBA7A



BA4E8E

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.



FB7EA3



4EBA7A



AF98F4

Square

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



4EBA7A



00B6F8



E387D1



E29454

Rectangle

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



4EBA7A



00BDC9



E387D1



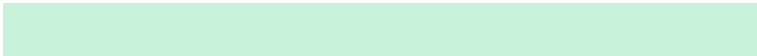
FC8185

Sweetspot

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



4EBA7A



C9F2DA



8FBA4E



627A6C



FAFAFA



7A7A7A

Same Dimension

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



4EBA7A



49F28E



4EBAAF



535C56



009C3F



001C0B

Inverse Universe

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



BA4E8E



F249AD



BA4E59



5C5358



9C005C



1C0011

Previews

White Background



This preview shows how the Hex color 4EBA7A looks on a white background.

Color Contrast Check

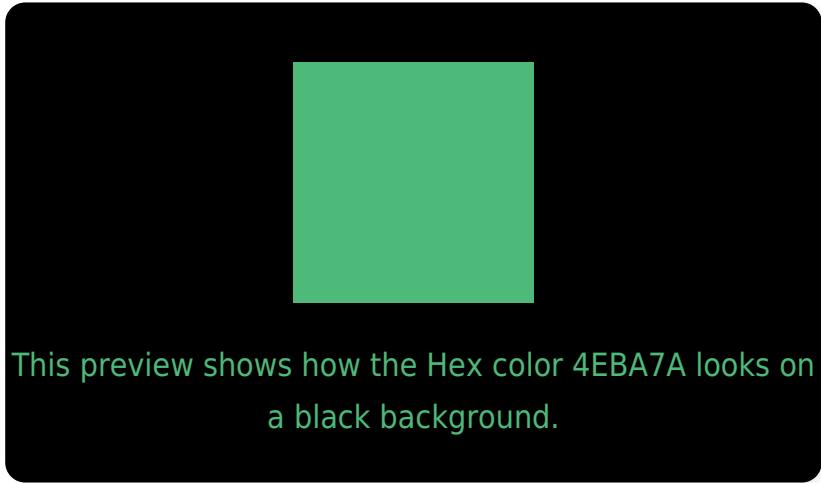
Large Text (above 18pt) WCAG AA × Fail

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 4EBA7A Background



This preview shows how black text looks on a background with the Hex color 4EBA7A.

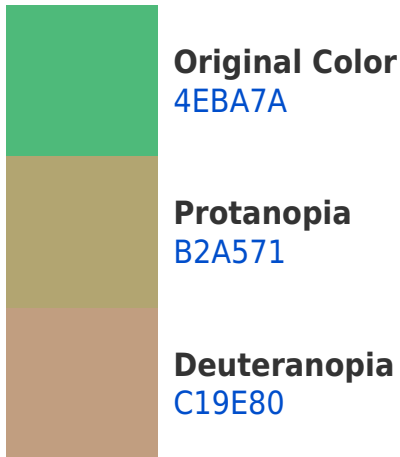


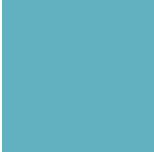
This preview shows how white text looks on a background with the Hex color 4EBA7A.

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](#).

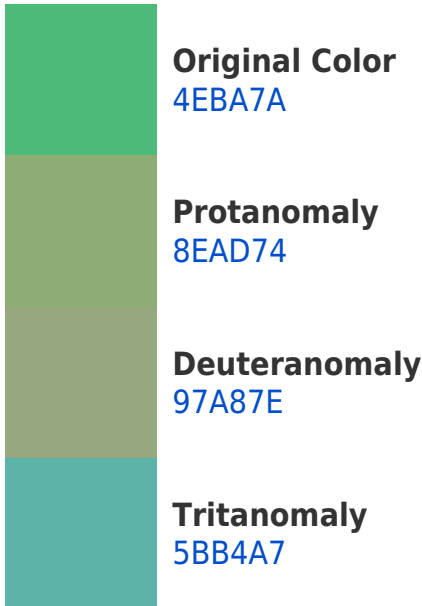
Dichromacy



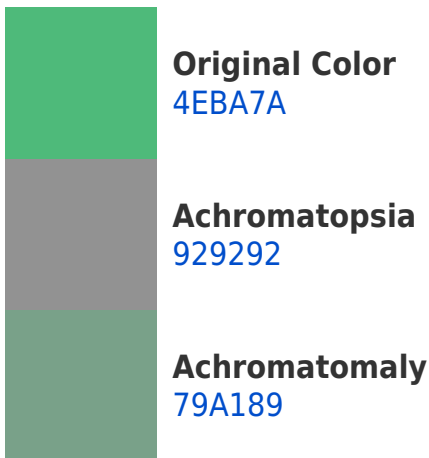


Tritanopia
62B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EBA7A 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 #4EBA7A looks like.

```
.text, #text, p{  
    color:#4EBA7A  
}
```

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 #4EBA7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBA7A
}
```

Border

The CSS property to change the border of an element to Hex 4EBA7A 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
#4EBA7A }
```

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

```
.border{ border-color:#4EBA7A }
```

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

Here you see how a box with a 4 pixel #4EBA7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBA7A; -webkit-box-shadow:4px 4px  
4px 4px #4EBA7A; box-shadow:4px 4px 4px  
4px #4EBA7A }
```

Background

The CSS property to change the background color of an element to Hex 4EBA7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBA7A }
```

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

```
.background{ background-color:#4EBA7A }
```

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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