

Converting Colors

Hex(4BA787)

Have a look what the booklet for
Hex(4BA787) contains.

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Color

Hex(4BA787)

Conversions

Conversions Part 1

Format	Color
Hex	4BA787
RGB	75, 167, 135
RGB Percent	29%, 65%, 53%
CMY	0.7059, 0.3451, 0.4706
CMYK	0.55, 0.00, 0.19, 0.35
HSL	159°, 38%, 47%
HSV	159°, 55%, 65%
XYZ	21.0935, 30.8826, 27.7709
YIQ	135.8440, -44.5600, -29.4560

Conversions

Conversions Part 2

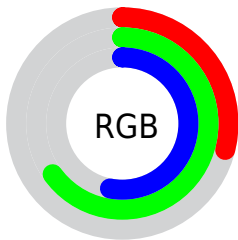
Format	Color
RYB	75, 131, 167
Decimal	4958087
CIELab	62.41, -35.25, 8.35
CIELCh	62, 36.224, 166.670
Yxy	30.8826, 0.2645, 0.3873
Android (android.graphics.Color)	4283148167 (0xFF4BA787)
YUV	135.8440, -0.4161, -53.3602
Hunter-Lab	55.5721, -29.4977, 9.2717

Details

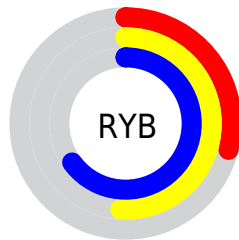
The Hex color **4BA787** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A74B6B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **83DFBC**, and **017255** is the 20% darker color. If you saturate the color by 10%, you get **3AA781**, and if you desaturate by 10%, it is **5CA78D**.

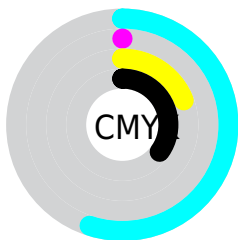
Distribution



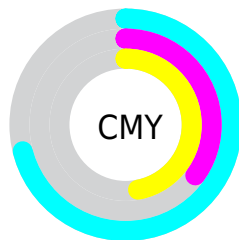
- Red (29%)
- Green (65%)
- Blue (53%)



- Red (29%)
- Yellow (51%)
- Blue (65%)



- Cyan (55%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BA787 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 4BA787 by changing the saturation by 10% instead.



4BA787



4BA787

FFFFFF



2D8C6E



83DFBC



017255



9FFCD8



00593E



BBFFF4



004128



D8FFFF



002A14



F6FFFF



001000



000000



4BA787



4BA787



3AA781



5CA78D

■ 2AA77B

■ 6CA793

■ 19A776

■ 7DA798

■ 08A770

■ 8EA79E

■ 00A76D

■ 9EA7A4

■ AFA7AA

■ C0A7B0

■ D1A7B5

■ E1A7BB

Harmonies

Analogous

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



76A36A



4BA787



0AA8A8

Triad

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



4BA787



8594D4



CE856A

Complementary

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



4BA787



A74B6B

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.



D57E86



4BA787



B188C3

Square

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



4BA787



4C9ED5



CC7FA7



B89058

Rectangle

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



4BA787



00A7BC



CC7FA7



D28272

Sweetspot

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



4BA787



B4D9CC



6BA74B



586E66



EDEDED



6E6E6E

Same Dimension

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



4BA787



4AD9A7



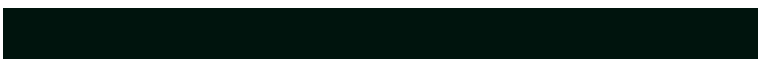
4B99A7



4C5451



009460



00140D

Inverse Universe

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



A74B6B



D94A7B



A7594B



544C4F



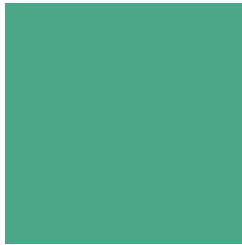
940033



140007

Previews

White Background



This preview shows how the Hex color 4BA787 looks on a white background.

Color Contrast Check

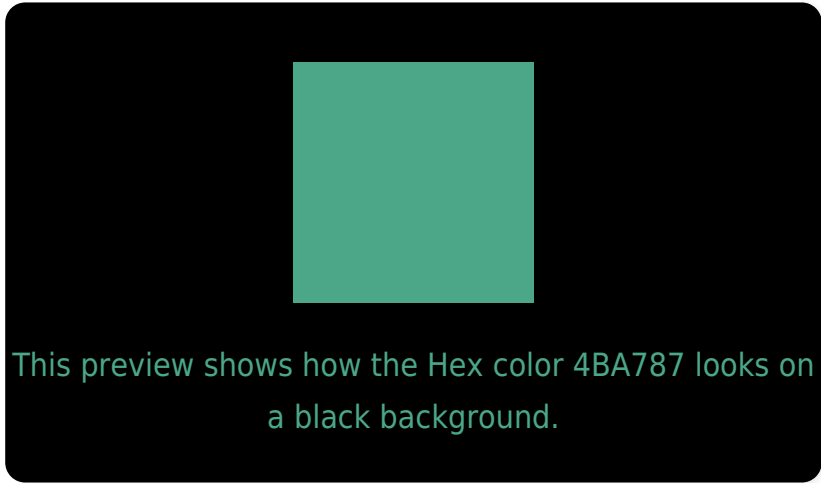
Large Text (above 18pt) WCAG AA × Fail

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

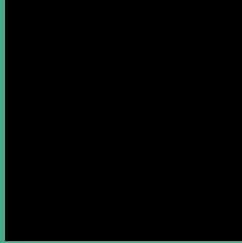
Any Text WCAG AA ✓ Pass

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 4BA787 Background



This preview shows how black text looks on a background with the Hex color 4BA787.

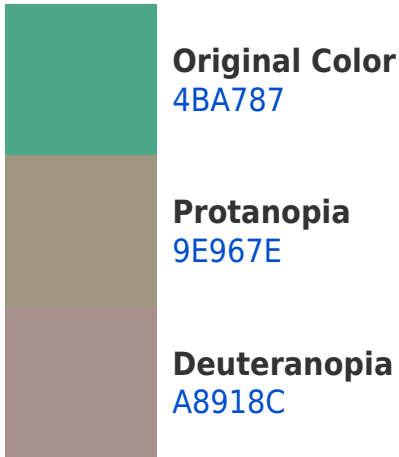


This preview shows how white text looks on a background with the Hex color 4BA787.

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](#).

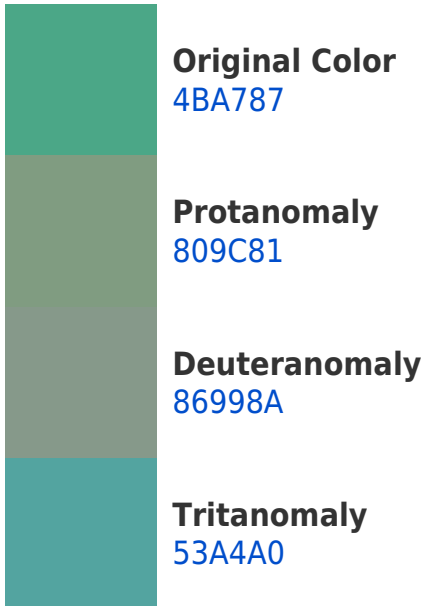
Dichromacy



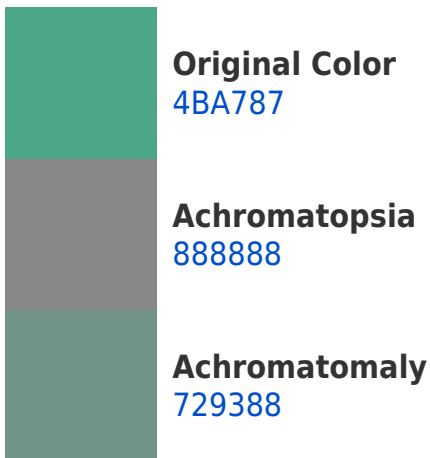


Tritanopia
58A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BA787 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 #4BA787 looks like.

```
.text, #text, p{  
    color:#4BA787  
}
```

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 #4BA787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA787
}
```

Border

The CSS property to change the border of an element to Hex 4BA787 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
#4BA787 }
```

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

```
.border{ border-color:#4BA787 }
```

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

Here you see how a box with a 4 pixel #4BA787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA787; -webkit-box-shadow:4px 4px  
4px 4px #4BA787; box-shadow:4px 4px 4px  
4px #4BA787 }
```

Background

The CSS property to change the background color of an element to Hex 4BA787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA787 }
```

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

```
.background{ background-color:#4BA787 }
```

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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