

Converting Colors

Hex(4BA587)

Have a look what the booklet for
Hex(4BA587) contains.

Hex(4BA587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4BA587)

Conversions

Conversions Part 1

Format	Color
Hex	4BA587
RGB	75, 165, 135
RGB Percent	29%, 65%, 53%
CMY	0.7059, 0.3529, 0.4706
CMYK	0.55, 0.00, 0.18, 0.35
HSL	160°, 38%, 47%
HSV	160°, 55%, 65%
XYZ	20.7300, 30.1554, 27.6497
YIQ	134.6700, -44.0100, -28.4100

Conversions

Conversions Part 2

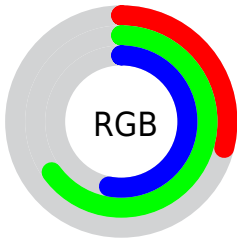
Format	Color
RYB	75, 129, 165
Decimal	4957575
CIELab	61.79, -34.32, 7.47
CIELCh	62, 35.126, 167.727
Yxy	30.1554, 0.2640, 0.3840
Android (android.graphics.Color)	4283147655 (0xFF4BA587)
YUV	134.6700, 0.1627, -52.3306
Hunter-Lab	54.9139, -28.7158, 8.5867

Details

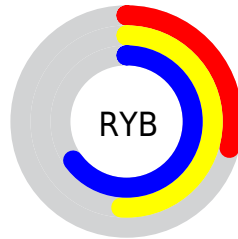
The Hex color **4BA587** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A54B69**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **83DDBC**, and **037055** is the 20% darker color. If you saturate the color by 10%, you get **3BA581**, and if you desaturate by 10%, it is **5CA58C**.

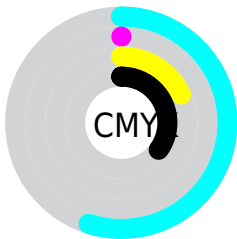
Distribution



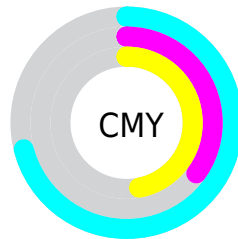
- Red (29%)
- Green (65%)
- Blue (53%)



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



- Cyan (55%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4BA587 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 4BA587 by changing the saturation by 10% instead.



4BA587



4BA587

FFFFFF



2E8A6E



83DDBC



037055



9FF9D8



00573E



BBFFF4



003F28



D8FFFF



002914



F5FFFF



000C00



000000



4BA587



4BA587



3BA581



5CA58C

■ 2AA57C

■ 6CA592

■ 1AA576

■ 7DA598

■ 09A571

■ 8DA59D

■ 00A56E

■ 9DA5A3

■ AEA5A8

■ BEA5AD

■ CFA5B3

■ DFA5B8

Harmonies

Analogous

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



74A16A



4BA587



16A6A7

Triad

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



4BA587



8692D0



CA8469

Complementary

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



4BA587



A54B69

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.



D27E84



4BA587



B087BF

Square

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



4BA587



509CD1



CA7EA3



B58F58

Rectangle

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



4BA587



00A4BA



CA7EA3



CE8171

Sweetspot

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



4BA587



B4D6CB



69A54B



576B64



EBEBEB



6B6B6B

Same Dimension

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



4BA587



4BD6A8



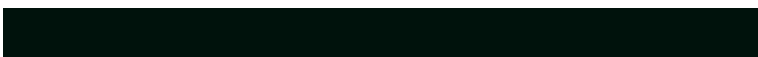
4B96A5



49524F



009161



00120C

Inverse Universe

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



A54B69



D64B79



A55A4B



52494C



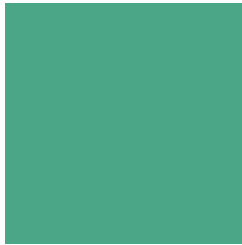
910030



120006

Previews

White Background



This preview shows how the Hex color 4BA587 looks on a white background.

Color Contrast Check

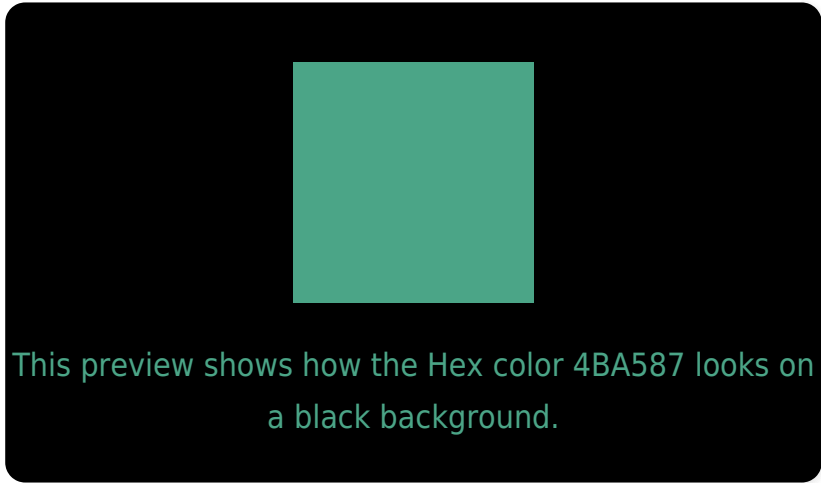
Large Text (above 18pt) WCAG AA × Fail

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

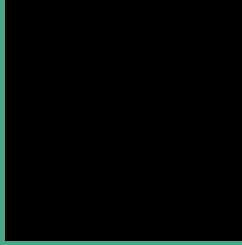
Any Text WCAG AA ✓ Pass

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 4BA587 Background



This preview shows how black text looks on a background with the Hex color 4BA587.

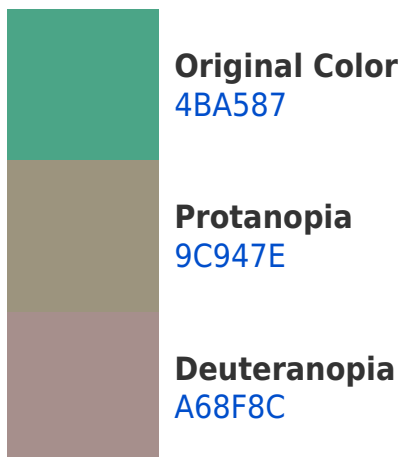


This preview shows how white text looks on a background with the Hex color 4BA587.

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](#).

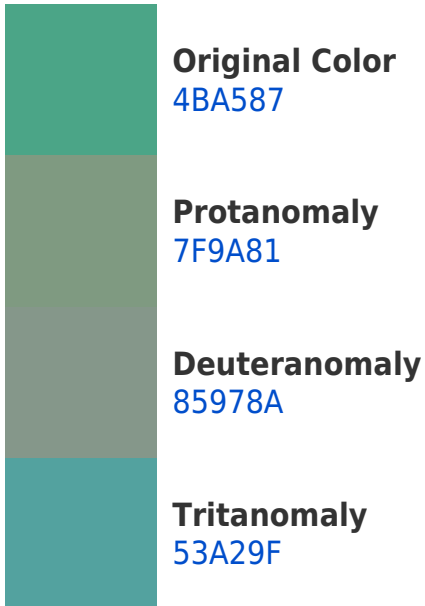
Dichromacy



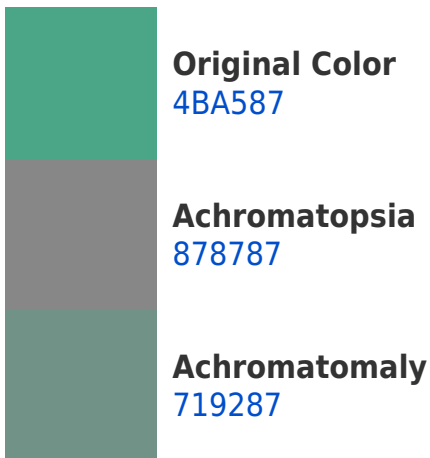


Tritanopia
57A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BA587 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 #4BA587 looks like.

```
.text, #text, p{  
    color:#4BA587  
}
```

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 #4BA587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA587
}
```

Border

The CSS property to change the border of an element to Hex 4BA587 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
#4BA587 }
```

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

```
.border{ border-color:#4BA587 }
```

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

Here you see how a box with a 4 pixel #4BA587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA587; -webkit-box-shadow:4px 4px  
4px 4px #4BA587; box-shadow:4px 4px 4px  
4px #4BA587 }
```

Background

The CSS property to change the background color of an element to Hex 4BA587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA587 }
```

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

```
.background{ background-color:#4BA587 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor