

Converting Colors

Hex(4BBA7D)

Have a look what the booklet for
Hex(4BBA7D) contains.

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Color

Hex(4BBA7D)

Conversions

Conversions Part 1

Format	Color
Hex	4BBA7D
RGB	75, 186, 125
RGB Percent	29%, 73%, 49%
CMY	0.7059, 0.2706, 0.5098
CMYK	0.60, 0.00, 0.33, 0.27
HSL	147°, 45%, 51%
HSV	147°, 60%, 73%
XYZ	24.1622, 38.0943, 25.4815
YIQ	145.8570, -46.5750, -42.5030

Conversions

Conversions Part 2

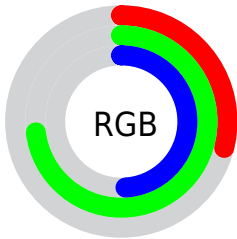
Format	Color
RYB	75, 152, 186
Decimal	4962941
CIELab	68.09, -45.72, 21.73
CIElCh	68, 50.620, 154.574
Yxy	38.0943, 0.2754, 0.4342
Android (android.graphics.Color)	4283153021 (0xFF4BBA7D)
YUV	145.8570, -10.2825, -62.1416
Hunter-Lab	61.7206, -38.1323, 18.7264

Details

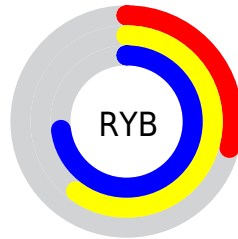
The Hex color **4BBA7D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA4B88**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **85F3B2**, and **00844C** is the 20% darker color. If you saturate the color by 10%, you get **38BA73**, and if you desaturate by 10%, it is **5EBA87**.

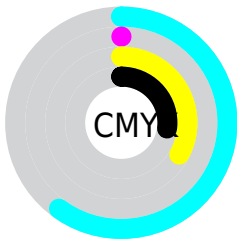
Distribution



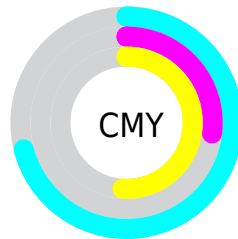
- Red (29%)
- Green (73%)
- Blue (49%)



- Red (29%)
- Yellow (60%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BBA7D 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 4BBA7D by changing the saturation by 10% instead.

 4BBA7D

 4BBA7D

FFFFFF

 2A9F64

 85F3B2

 00844C

 A2FFCE

 006A34

 BFFFEA

 00511E

 DCFFFF

 003907

 FAFFFF

 002300

 000000

 4BBA7D

 4BBA7D

 38BA73

 5EBA87

 26BA69

 70BA91

 13BA5E

 83BA9C

 01BA54

 95BAA6

 00BA54

 A8BAB0

 BBBABA

 CDBAC5

 E0BACF

 F2BAD9

Harmonies

Analogous

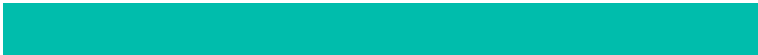
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AB258



4BBA7D



00BDAC

Triad

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



4BBA7D



61A8FF



F78675

Complementary

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



4BBA7D



BA4B88

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.



FA7FA1



4BBA7D



B397F1

Square

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



4BBA7D



00B5F8



E486CE



E09553

Rectangle

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



4BBA7D



00BDCB



E486CE



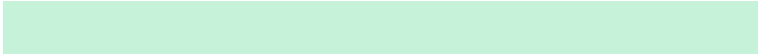
FB8282

Sweetspot

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



4BBA7D



C7F2DA



88BA4B



5F7A6C



FAFAFA



7A7A7A

Same Dimension

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



4BBA7D



44F292



4BBAB4



535C57



009C46



001C0D

Inverse Universe

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



BA4B88



F244A4



BA4B51



5C5358



9C0055



1C000F

Previews

White Background



This preview shows how the Hex color 4BBA7D 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



This preview shows how the Hex color 4BBA7D looks on a 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 4BBA7D Background



This preview shows how black text looks on a background with the Hex color 4BBA7D.

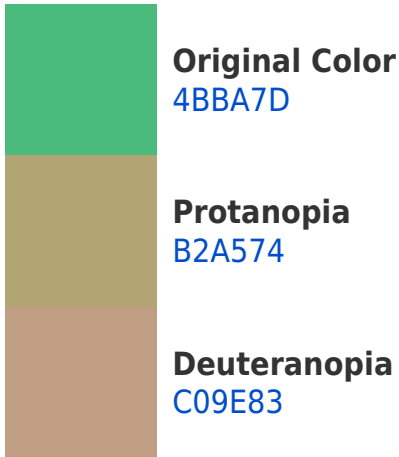


This preview shows how white text looks on a background with the Hex color 4BBA7D.

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](#).

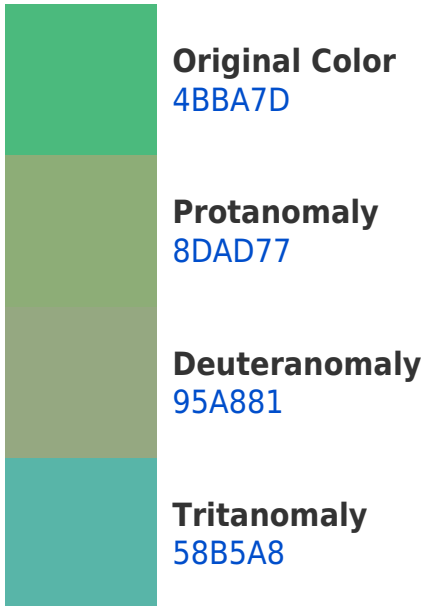
Dichromacy



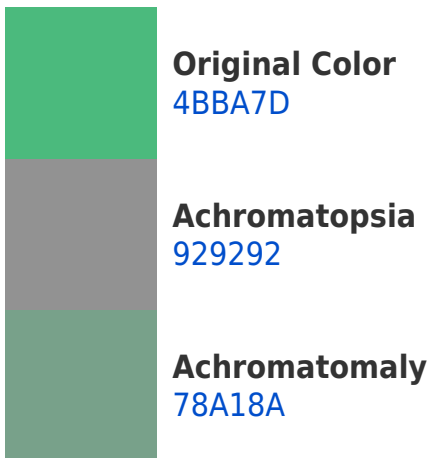


Tritanopia
60B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BBA7D 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 #4BBA7D looks like.

```
.text, #text, p{  
    color:#4BBA7D  
}
```

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 #4BBA7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BBA7D
}
```

Border

The CSS property to change the border of an element to Hex 4BBA7D 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
#4BBA7D }
```

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

```
.border{ border-color:#4BBA7D }
```

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

Here you see how a box with a 4 pixel #4BBA7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BBA7D; -webkit-box-shadow:4px 4px  
4px 4px #4BBA7D; box-shadow:4px 4px 4px  
4px #4BBA7D }
```

Background

The CSS property to change the background color of an element to Hex 4BBA7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BBA7D }
```

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

```
.background{ background-color:#4BBA7D }
```

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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