

Converting Colors

Hex(4BB085)

Have a look what the booklet for
Hex(4BB085) contains.

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Color

Hex(4BB085)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BB085 |
| RGB | 75, 176, 133 |
| RGB Percent | 29%, 69%, 52% |
| CMY | 0.7059, 0.3098, 0.4784 |
| CMYK | 0.57, 0.00, 0.24, 0.31 |
| HSL | 154°, 40%, 49% |
| HSV | 154°, 57%, 69% |
| XYZ | 22.6606, 34.2400, 27.6049 |
| YIQ | 140.8990, -46.3930, -34.7850 |

Conversions

Conversions Part 2

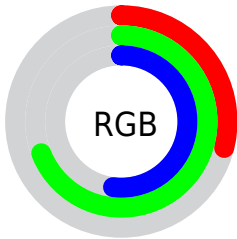
| Format | Color |
|-------------------------------------|---|
| RYB | 75, 139, 176 |
| Decimal | 4960389 |
| CIELab | 65.15, -39.76, 13.34 |
| CIELCh | 65, 41.935, 161.457 |
| Yxy | 34.2400, 0.2682, 0.4052 |
| Android (android.graphics.Color) | 4283150469 (0xFF4BB085) |
| YUV | 140.8990, -3.8942, -57.7934 |
| Hunter-Lab | 58.5149, -33.2748, 12.9899 |

Details

The Hex color **4BB085** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B04B76**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **84E8BA**, and **007B53** is the 20% darker color. If you saturate the color by 10%, you get **39B07E**, and if you desaturate by 10%, it is **5DB08C**.

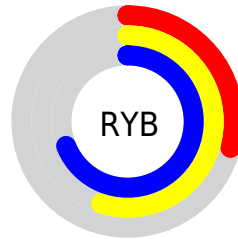
Distribution



Red (29%)

Green (69%)

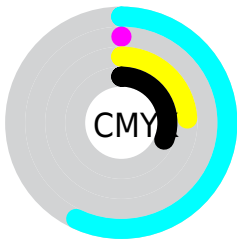
Blue (52%)



Red (29%)

Yellow (55%)

Blue (69%)

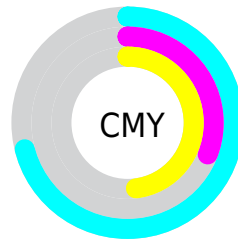


Cyan (57%)

Magenta (0%)

Yellow (24%)

Black (31%)



Cyan (71%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB085 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 4BB085 by changing the saturation by 10% instead.

 4BB085

 4BB085

FFFFFF

 2C956C

 84E8BA

 007B53

 A0FFD6

 00613C

 BDFFF2

 004826

 DAFFFF

 003112

 F8FFFF

 001B00

 000000

 4BB085

 4BB085

 39B07E

 5DB08C

 28B076

 6EB094

 16B06F

 80B09B

 05B067

 91B0A3

 00B065

 A3B0AA

 B5B0B2

 C6B0B9

 D8B0C1

 E9B0C8

Harmonies

Analogous

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



7EAA64



4BB085



00B2AC

Triad

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



4BB085



7C9DE7



E0876E

Complementary

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



4BB085



B04B76

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.



E68091



4BB085



B48FD7

Square

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



4BB085



25A9E5



D883B7



C99457

Rectangle

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



4BB085



00B1C4



D883B7



E48479

Sweetspot

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



4BB085



BEE6D5



77B04B



5C7369



F2F2F2



737373

Same Dimension

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



4BB085



47E6A2



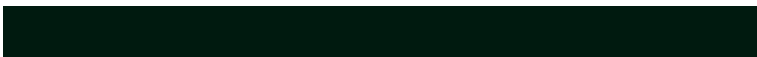
4BA9B0



505955



009958



001A0F

Inverse Universe

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



B04B76



E6478B



B0524B



595054



990041



1A000B

Previews

White Background



This preview shows how the Hex color 4BB085 looks on a white background.

Color Contrast Check

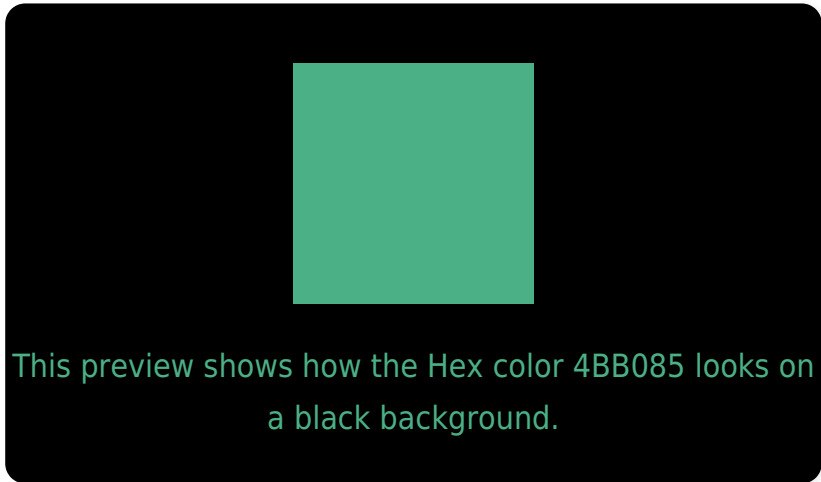
Large Text (above 18pt) WCAG AA × Fail

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

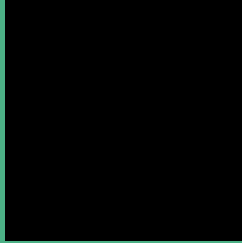
Any Text WCAG AA ✓ Pass

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 4BB085 Background



This preview shows how black text looks on a background with the Hex color 4BB085.



This preview shows how white text looks on a background with the Hex color 4BB085.

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](#).

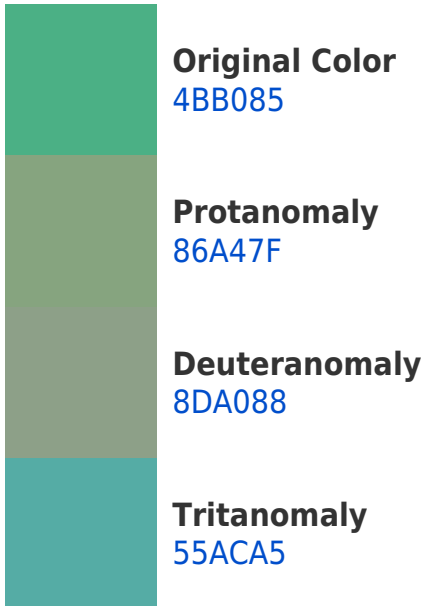
Dichromacy



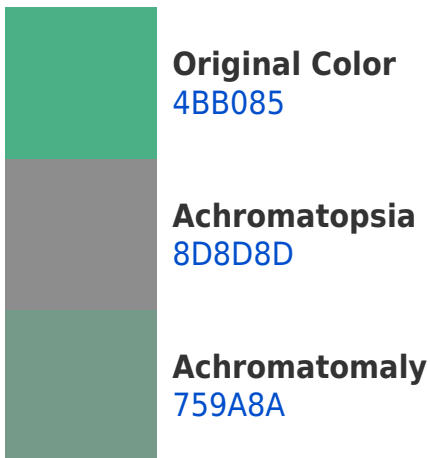


Tritanopia
5BA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB085 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 #4BB085 looks like.

```
.text, #text, p{  
    color:#4BB085  
}
```

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 #4BB085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB085
}
```

Border

The CSS property to change the border of an element to Hex 4BB085 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
#4BB085 }
```

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

```
.border{ border-color:#4BB085 }
```

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

Here you see how a box with a 4 pixel #4BB085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB085; -webkit-box-shadow:4px 4px  
4px 4px #4BB085; box-shadow:4px 4px 4px  
4px #4BB085 }
```

Background

The CSS property to change the background color of an element to Hex 4BB085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB085 }
```

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

```
.background{ background-color:#4BB085 }
```

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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