

Converting Colors

Hex(4D8B87)

Have a look what the booklet for
Hex(4D8B87) contains.

Hex(4D8B87)	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(4D8B87)

Conversions

Conversions Part 1

Format	Color
Hex	4D8B87
RGB	77, 139, 135
RGB Percent	30%, 55%, 53%
CMY	0.6980, 0.4549, 0.4706
CMYK	0.45, 0.00, 0.03, 0.45
HSL	176°, 29%, 42%
HSV	176°, 45%, 55%
XYZ	16.6664, 21.7923, 26.2496
YIQ	120.0060, -35.6680, -14.3880

Conversions

Conversions Part 2

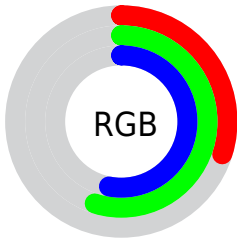
Format	Color
R_{YB}	77, 109, 139
Decimal	5081991
CIE _{Lab}	53.81, -21.03, -4.12
CIE _{LCh}	54, 21.430, 191.086
Yxy	21.7923, 0.2576, 0.3368
Android (android.graphics.Color)	4283272071 (0xFF4D8B87)
YUV	120.0060, 7.3920, -37.7163
Hunter-Lab	46.6822, -17.9663, -0.6615

Details

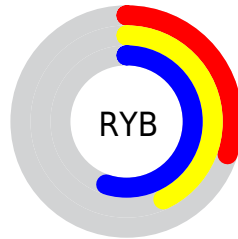
The Hex color **4D8B87** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B4D51**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **82C1BC**, and **165955** is the 20% darker color. If you saturate the color by 10%, you get **3F8B86**, and if you desaturate by 10%, it is **5B8B88**.

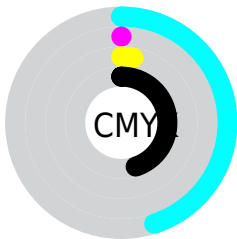
Distribution



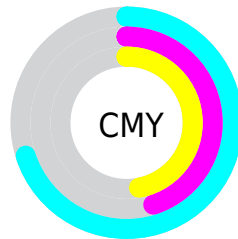
- Red (30%)
- Green (55%)
- Blue (53%)



- Red (30%)
- Yellow (43%)
- Blue (55%)



- Cyan (45%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (70%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8B87 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 4D8B87 by changing the saturation by 10% instead.



4D8B87



4D8B87

FFFFFF



33716E



82C1BC



165955



9DDDD8



00413E



B9F9F4



002A28



D5FFFF



001614



F2FFFF



000000



4D8B87



4D8B87



3F8B86



5B8B88



318B85



698B89

■ 238B84

■ 778B8A

■ 158B83

■ 858B8B

■ 078B83

■ 938B8B

■ 008B82

■ A08B8C

■ AE8B8D

■ BC8B8E

■ CA8B8F

Harmonies

Analogous

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



5D8A74



4D8B87



4A8A98

Triad

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



4D8B87



8C7A9C



987B5E

Complementary

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



4D8B87



8B4D51

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.



A47669



4D8B87



9E758D

Square

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



4D8B87



7380A5



A6737A



87825C

Rectangle

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



4D8B87



5387A0



A6737A



9D7961

Sweetspot

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



4D8B87



9EB5B4



518B4D



4D5C5B



DBDBDB



5C5C5C

Same Dimension

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



4D8B87



53B5AF



4D708B



3E4544



00857C



000505

Inverse Universe

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



8B4D51



B5535A



8B684D



453E3E



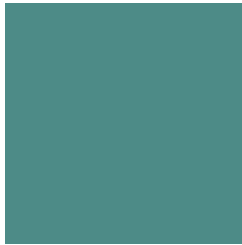
850009



050000

Previews

White Background



This preview shows how the Hex color 4D8B87 looks on a white background.

Color Contrast Check

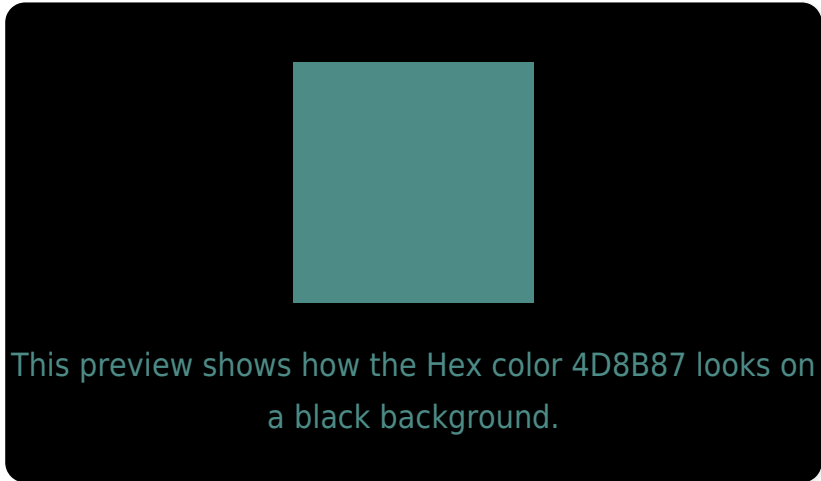
Large Text (above 18pt) WCAG AA ✓ Pass

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

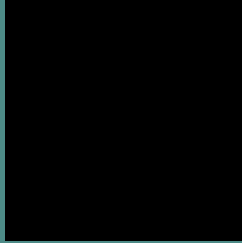
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D8B87 Background



This preview shows how black text looks on a background with the Hex color 4D8B87.

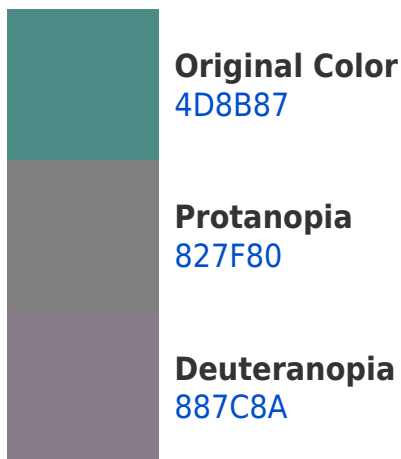


This preview shows how white text looks on a background with the Hex color 4D8B87.

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
518994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8B87 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 #4D8B87 looks like.

```
.text, #text, p{  
    color:#4D8B87  
}
```

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 #4D8B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8B87
}
```

Border

The CSS property to change the border of an element to Hex 4D8B87 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
#4D8B87 }
```

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

```
.border{ border-color:#4D8B87 }
```

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

Here you see how a box with a 4 pixel #4D8B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8B87; -webkit-box-shadow:4px 4px  
4px 4px #4D8B87; box-shadow:4px 4px 4px  
4px #4D8B87 }
```

Background

The CSS property to change the background color of an element to Hex 4D8B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8B87 }
```

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

```
.background{ background-color:#4D8B87 }
```

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