

Converting Colors

Hex(4D8D77)

Have a look what the booklet for
Hex(4D8D77) contains.

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Color

Hex(4D8D77)

Conversions

Conversions Part 1

Format	Color
Hex	4D8D77
RGB	77, 141, 119
RGB Percent	30%, 55%, 47%
CMY	0.6980, 0.4471, 0.5333
CMYK	0.45, 0.00, 0.16, 0.45
HSL	159°, 29%, 43%
HSV	159°, 45%, 55%
XYZ	15.9152, 21.9594, 20.8525
YIQ	119.3560, -31.0820, -20.4100

Conversions

Conversions Part 2

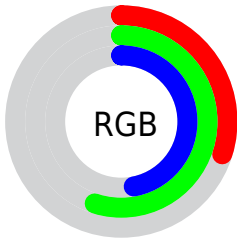
Format	Color
RYB	77, 116, 141
Decimal	5082487
CIELab	53.98, -26.07, 5.38
CIElCh	54, 26.616, 168.339
Yxy	21.9594, 0.2710, 0.3739
Android (android.graphics.Color)	4283272567 (0xFF4D8D77)
YUV	119.3560, -0.1755, -37.1462
Hunter-Lab	46.8609, -21.3832, 6.4193

Details

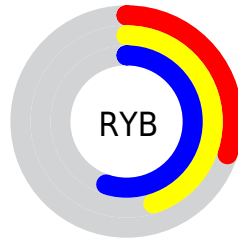
The Hex color **4D8D77** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D4D63**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **82C3AB**, and **175A47** is the 20% darker color. If you saturate the color by 10%, you get **3F8D72**, and if you desaturate by 10%, it is **5B8D7C**.

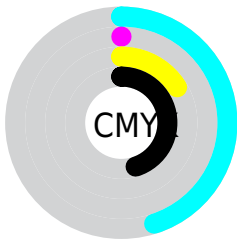
Distribution



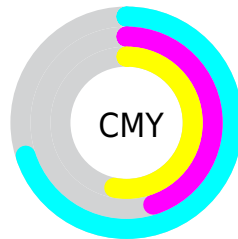
- Red (30%)
- Green (55%)
- Blue (47%)



- Red (30%)
- Yellow (45%)
- Blue (55%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (45%)



- Cyan (70%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8D77 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 4D8D77 by changing the saturation by 10% instead.



4D8D77



4D8D77

FFFFFF



33735E



82C3AB



175A47



9DDFC6



004230



B8FCE2



002C1B



D5FFFF



001701



F1FFFF



000000



4D8D77



4D8D77



3F8D72



5B8D7C



318D6D



698D81

 238D68

 778D86

 158D64

 858D8A

 068D5F

 948D8F

 008D5D

 A28D94

 B08D99

 BE8D9E

 CC8DA3

Harmonies

Analogous

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



688A62



4D8D77



368E8F

Triad

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



4D8D77



777EAC



A97560

Complementary

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



4D8D77



8D4D63

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.



AF7074



4D8D77



9576A0

Square

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



4D8D77



5486AE



A8718B



997D54

Rectangle

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



4D8D77



338C9D



A8718B



AC7366

Sweetspot

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



4D8D77



9EB8AF



638D4D



4C5C56



DBDBDB



5C5C5C

Same Dimension

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



4D8D77



54B896



4D838D



404745



008759



000805

Inverse Universe

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



8D4D63



B85477



8D574D



474043



87002E



080003

Previews

White Background



This preview shows how the Hex color 4D8D77 looks on a white background.

Color Contrast Check

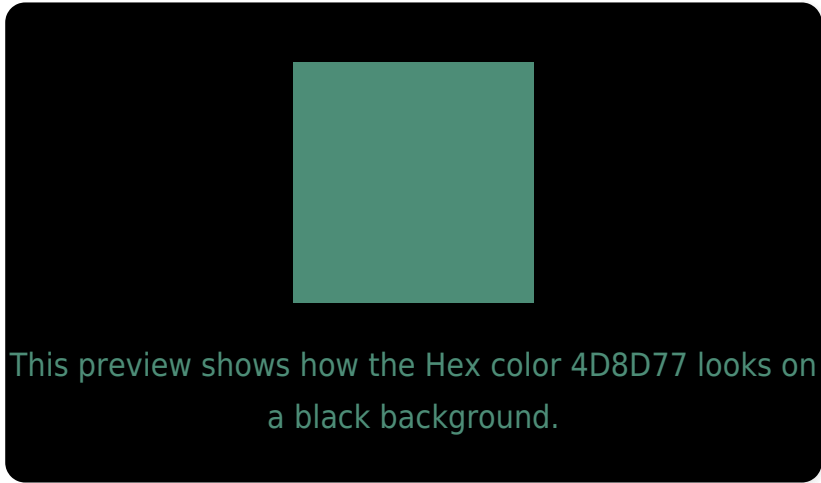
Large Text (above 18pt) WCAG AA ✓ Pass

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

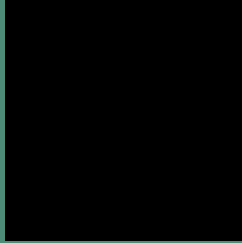
Any Text WCAG AA ✓ Pass

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 4D8D77 Background



This preview shows how black text looks on a background with the Hex color 4D8D77.



This preview shows how white text looks on a background with the Hex color 4D8D77.

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
558994

Trichromacy



Original Color
4D8D77

Protanomaly
718573

Deuteranomaly
77827A

Tritanomaly
528A89

Monochromacy



Original Color
4D8D77

Achromatopsia
777777

Achromatomaly
687F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8D77 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 #4D8D77 looks like.

```
.text, #text, p{  
    color:#4D8D77  
}
```

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 #4D8D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8D77  
}
```

Border

The CSS property to change the border of an element to Hex 4D8D77 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  
#4D8D77 }
```

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

```
.border{ border-color:#4D8D77 }
```

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

Here you see how a box with a 4 pixel #4D8D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8D77; -webkit-box-shadow:4px 4px  
4px 4px #4D8D77; box-shadow:4px 4px 4px  
4px #4D8D77 }
```

Background

The CSS property to change the background color of an element to Hex 4D8D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8D77 }
```

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

```
.background{ background-color:#4D8D77 }
```

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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