

# Converting Colors

Hex(4D8077)

Have a look what the booklet for  
Hex(4D8077) contains.

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# Color

Hex(4D8077)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D8077
RGB	77, 128, 119
RGB Percent	30%, 50%, 47%
CMY	0.6980, 0.4980, 0.5333
CMYK	0.40, 0.00, 0.07, 0.50
HSL	169°, 25%, 40%
HSV	169°, 40%, 50%
XYZ	14.1095, 18.3480, 20.2506
YIQ	111.7250, -27.5070, -13.6110

# Conversions

## Conversions Part 2

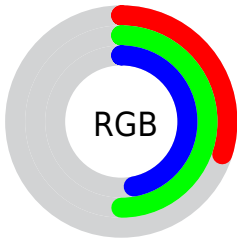
Format	Color
<a href="#">RYB</a>	<a href="#">77, 105, 128</a>
Decimal	<a href="#">5079159</a>
CIELab	<a href="#">49.92, -19.37, -0.51</a>
CIElCh	<a href="#">50, 19.380, 181.522</a>
Yxy	<a href="#">18.3480, 0.2677, 0.3481</a>
Android (android.graphics.Color)	<a href="#">4283269239 (0xFF4D8077)</a>
YUV	<a href="#">111.7250, 3.5866, -30.4538</a>
Hunter-Lab	<a href="#">42.8346, -16.1635, 1.9541</a>

# Details

The Hex color **4D8077** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **804D56**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **80B5AB**, and **1A4F47** is the 20% darker color. If you saturate the color by 10%, you get **408075**, and if you desaturate by 10%, it is **5A8079**.

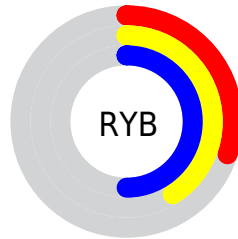
# Distribution



Red (30%)

Green (50%)

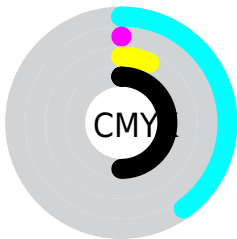
Blue (47%)



Red (30%)

Yellow (41%)

Blue (50%)

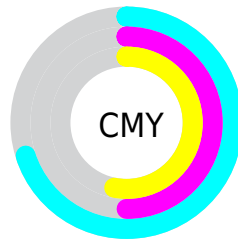


Cyan (40%)

Magenta (0%)

Yellow (7%)

Black (50%)



Cyan (70%)

Magenta (50%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D8077 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 4D8077 by changing the saturation by 10% instead.





4D8077



4D8077

FFFFFF



34675E



80B5AB



1A4F47



9BD1C6



003730



B7EDE2



00221C



D3FFFF



000001



FFFFFF



000000



4D8077



4D8077



408075



5A8079



338072



67807C

■ 278070

■ 73807E

■ 1A806E

■ 808080

■ 0D806C

■ 8D8082

■ 008069

■ 9A8085

■ A78087

■ B38089

■ C0808B

# Harmonies

## Analogous

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



5D7E67



4D8077



467F87

# Triad

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



4D8077



7A7293



90705A

# Complementary

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



4D8077



804D56

# 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.



986C66



4D8077



8D6D87

# Square

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



4D8077



647897



976B76



827656

# Rectangle

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



4D8077



4A7E90



976B76



936F5E



# Sweetspot

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



4D8077



92A6A2



56804D



485452



D4D4D4



545454



# Same Dimension

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



4D8077



56A698



4D7080



39403F



008069



000000



# Inverse Universe

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



804D56



A65664



805D4D



40393B



800016



000000



# Previews

## White Background



This preview shows how the Hex color 4D8077 looks on a white background.

## Color Contrast Check

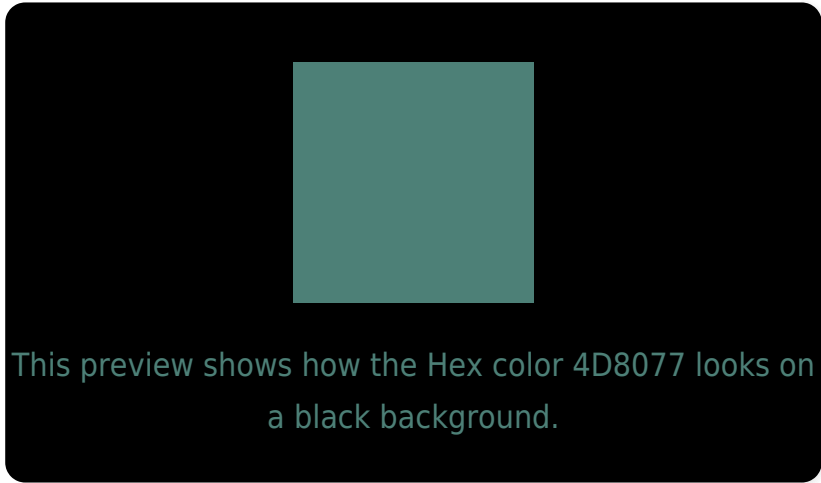
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

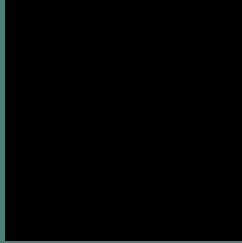
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D8077 Background



This preview shows how black text looks on a background with the Hex color 4D8077.

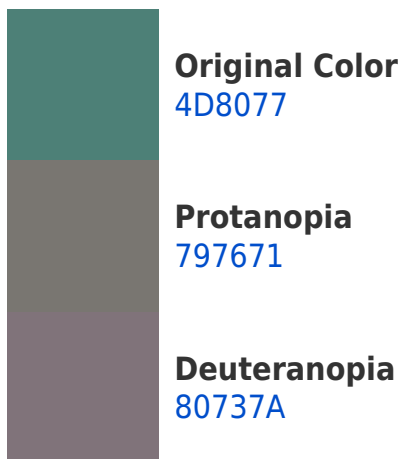


This preview shows how white text looks on a background with the Hex color 4D8077.

# 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**  
517E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D8077 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 #4D8077 looks like.

```
.text, #text, p{  
    color:#4D8077  
}
```

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 #4D8077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8077  
}
```

## Border

The CSS property to change the border of an element to Hex 4D8077 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  
#4D8077 }
```

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

```
.border{ border-color:#4D8077 }
```

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

Here you see how a box with a 4 pixel #4D8077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8077; -webkit-box-shadow:4px 4px  
4px 4px #4D8077; box-shadow:4px 4px 4px  
4px #4D8077 }
```

# Background

The CSS property to change the background color of an element to Hex 4D8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8077 }
```

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

```
.background{ background-color:#4D8077 }
```

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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