

# Converting Colors

Hex(4D947B)

Have a look what the booklet for  
Hex(4D947B) contains.

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# Color

Hex(4D947B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D947B
RGB	77, 148, 123
RGB Percent	30%, 58%, 48%
CMY	0.6980, 0.4196, 0.5176
CMYK	0.48, 0.00, 0.17, 0.42
HSL	159°, 32%, 44%
HSV	159°, 48%, 58%
XYZ	17.2256, 24.1877, 22.4997
YIQ	123.9210, -34.2910, -22.8270

# Conversions

## Conversions Part 2

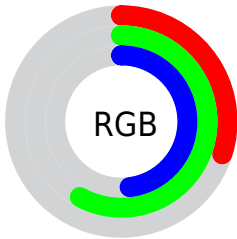
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 120, 148
Decimal	5084283
CIELab	56.28, -28.58, 6.37
CIELCh	56, 29.279, 167.432
Yxy	24.1877, 0.2695, 0.3784
Android (android.graphics.Color)	4283274363 (0xFF4D947B)
YUV	123.9210, -0.4541, -41.1497
Hunter-Lab	49.1809, -23.5470, 7.3022

# Details

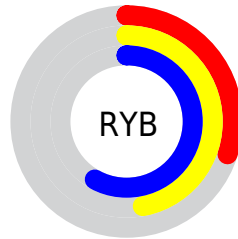
The Hex color **4D947B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **944D66**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **82CAAF**, and **14614A** is the 20% darker color. If you saturate the color by 10%, you get **3E9476**, and if you desaturate by 10%, it is **5C9480**.

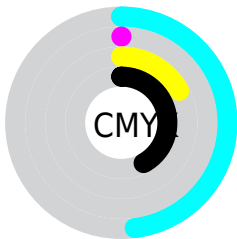
# Distribution



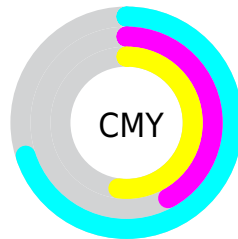
- Red (30%)
- Green (58%)
- Blue (48%)



- Red (30%)
- Yellow (47%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (17%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D947B 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 4D947B by changing the saturation by 10% instead.





4D947B



4D947B

FFFFFF



327A62



82CAAF



14614A



9EE7CB



004934



B9FFE7



00311F



D6FFFF



001E06



F3FFFF



000000



4D947B



4D947B



3E9476



5C9480



2F9471



6B9485

■ 21946B

■ 79948B

■ 129466

■ 889490

■ 039461

■ 979495

■ 009460

■ A6949A

■ B5949F

■ C394A5

■ D294AA

# Harmonies

## Analogous

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



6C9064



4D947B



309595

# Triad

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



4D947B



7B84B7



B37963

# Complementary

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



4D947B



944D66

# 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.



B97479



4D947B



9C7BAA

# Square

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



4D947B



528DB8



B27593



A28255

# Rectangle

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



4D947B



2993A5



B27593



B67769



# Sweetspot

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



4D947B



A4BFB6



67944D



50615B



E0E0E0



616161



# Same Dimension

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



4D947B



50BF98



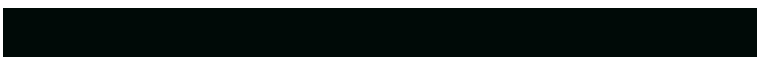
4D8B94



434A47



008A59



000A07



# Inverse Universe

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



944D66



BF5077



94564D



4A4345



8A0030

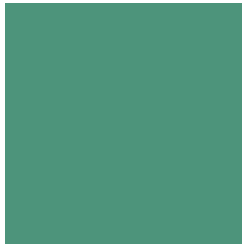


0A0004



# Previews

## White Background



This preview shows how the Hex color 4D947B looks on a white background.

## Color Contrast Check

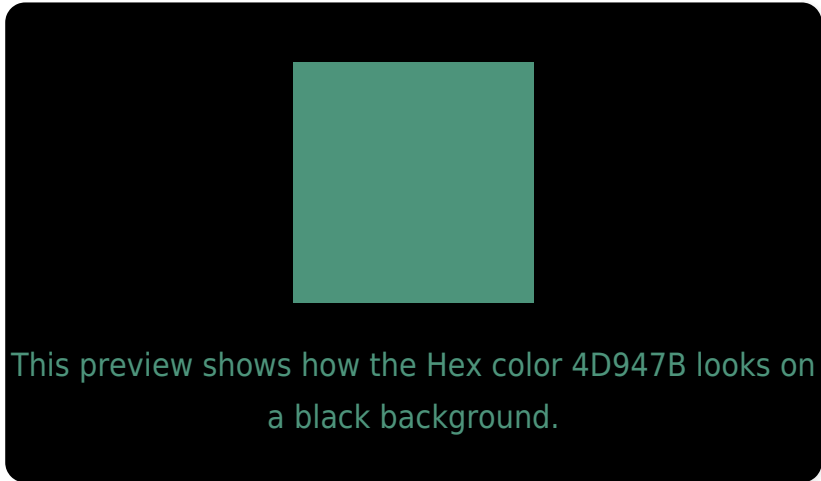
Large Text (above 18pt) WCAG AA ✓ Pass

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

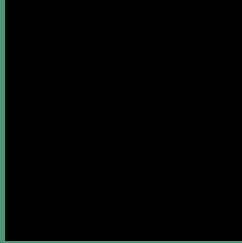
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4D947B Background



This preview shows how black text looks on a background with the Hex color 4D947B.

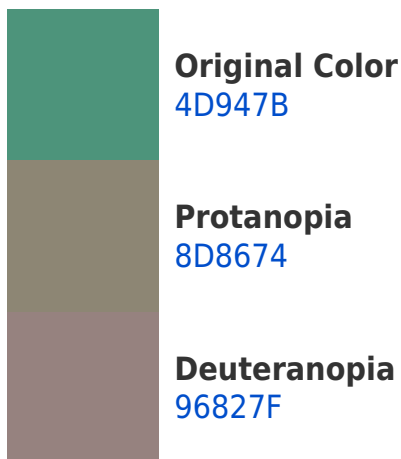


This preview shows how white text looks on a background with the Hex color 4D947B.

# 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**  
56909B

# Trichromacy



**Original Color**  
4D947B

**Protanomaly**  
768B77

**Deuteranomaly**  
7B897E

**Tritanomaly**  
53918F

# Monochromacy



**Original Color**  
4D947B

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
6B857C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D947B 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 #4D947B looks like.

```
.text, #text, p{  
    color:#4D947B  
}
```

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 #4D947B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D947B  
}
```

## Border

The CSS property to change the border of an element to Hex 4D947B 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  
#4D947B }
```

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

```
.border{ border-color:#4D947B }
```

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

Here you see how a box with a 4 pixel #4D947B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D947B; -webkit-box-shadow:4px 4px  
4px 4px #4D947B; box-shadow:4px 4px 4px  
4px #4D947B }
```

# Background

The CSS property to change the background color of an element to Hex 4D947B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D947B }
```

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

```
.background{ background-color:#4D947B }
```

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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