

# Converting Colors

Hex(4C9081)

Have a look what the booklet for  
Hex(4C9081) contains.

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**Color**

**Hex(4C9081)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C9081
RGB	76, 144, 129
RGB Percent	30%, 56%, 51%
CMY	0.7020, 0.4353, 0.4941
CMYK	0.47, 0.00, 0.10, 0.44
HSL	167°, 31%, 43%
HSV	167°, 47%, 56%
XYZ	16.9162, 23.0680, 24.3299
YIQ	121.9580, -35.7130, -19.0810

# Conversions

## Conversions Part 2

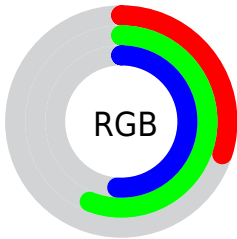
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 114, 144
Decimal	5017729
CIE <sub>Lab</sub>	55.14, -25.40, 1.30
CIE <sub>LCh</sub>	55, 25.432, 177.081
Y <sub>xy</sub>	23.0680, 0.2630, 0.3587
Android (android.graphics.Color)	4283207809 (0xFF4C9081)
Y <sub>UV</sub>	121.9580, 3.4717, -40.3052
Hunter-Lab	48.0292, -21.1821, 3.5862

# Details

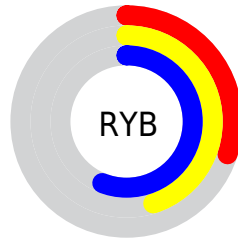
The Hex color **4C9081** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **904C5B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **81C6B6**, and **135D50** is the 20% darker color. If you saturate the color by 10%, you get **3E907E**, and if you desaturate by 10%, it is **5A9084**.

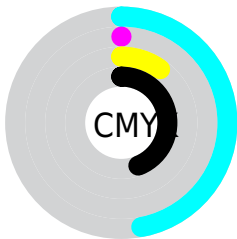
# Distribution



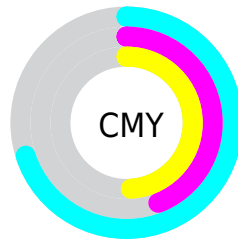
- Red (30%)
- Green (56%)
- Blue (51%)



- Red (30%)
- Yellow (45%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C9081 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 4C9081 by changing the saturation by 10% instead.





4C9081



4C9081

FFFFFF



317668



81C6B6



135D50



9CE2D1



004539



B8FFEE



002E24



D5FFFF



001B0E



F2FFFF



000000



4C9081



4C9081



3E907E



5A9084



2F907B



699087

■ 219077

■ 77908B

■ 129074

■ 86908E

■ 049071

■ 949091

■ 009070

■ A29094

■ B19097

■ BF909A

■ CE909E

# Harmonies

## Analogous

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



658E6B



4C9081



3C9097

# Triad

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



4C9081



847FAB



A77A60

# Complementary

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



4C9081



904C5B

# 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.



B07571



4C9081



9E789C

# Square

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



4C9081



6487B0



AD7487



958258

# Rectangle

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



4C9081



408EA4



AD7487



AB7865



# Sweetspot

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



4C9081



A0BAB4



5C904C



4E5E5B



DEDEDE



5E5E5E



# Same Dimension

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



4C9081



50BAA3



4C7E90



404746



008769



000806



# Inverse Universe

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



904C5B



BA5067



905E4C



474042



87001E

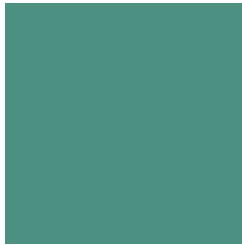


080002



# Previews

## White Background



This preview shows how the Hex color 4C9081 looks on a white background.

## Color Contrast Check

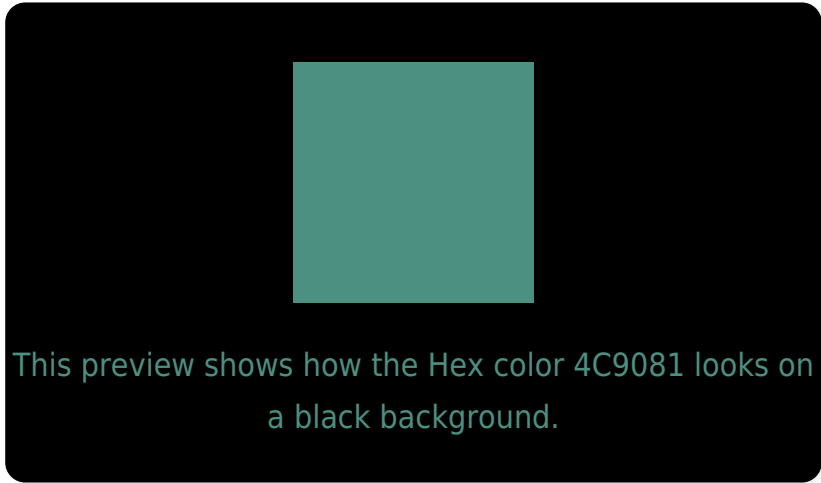
Large Text (above 18pt) WCAG AA ✓ Pass

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

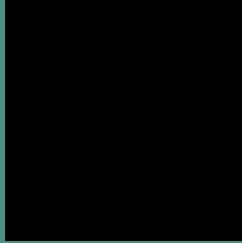
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C9081 Background



This preview shows how black text looks on a background with the Hex color 4C9081.

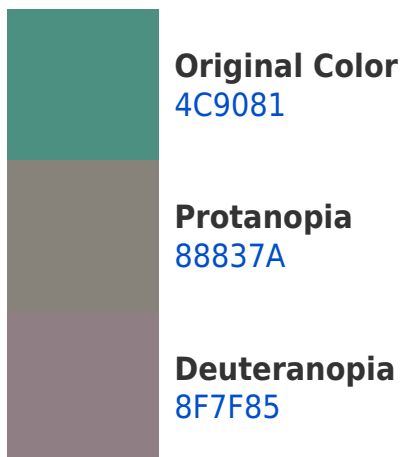


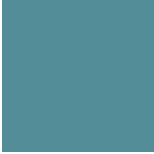
This preview shows how white text looks on a background with the Hex color 4C9081.

# 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**  
538D98

# Trichromacy



**Original Color**  
4C9081

**Protanomaly**  
72887D

**Deuteranomaly**  
778584

**Tritanomaly**  
508E90

# Monochromacy



**Original Color**  
4C9081

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
69827D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C9081 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 #4C9081 looks like.

```
.text, #text, p{  
    color:#4C9081  
}
```

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 #4C9081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9081
}
```

## Border

The CSS property to change the border of an element to Hex 4C9081 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
#4C9081 }
```

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

```
.border{ border-color:#4C9081 }
```

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

Here you see how a box with a 4 pixel #4C9081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9081; -webkit-box-shadow:4px 4px  
4px 4px #4C9081; box-shadow:4px 4px 4px  
4px #4C9081 }
```

# Background

The CSS property to change the background color of an element to Hex 4C9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9081 }
```

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

```
.background{ background-color:#4C9081 }
```

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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