

# Converting Colors

Hex(4C9491)

Have a look what the booklet for  
Hex(4C9491) contains.

<b>Hex(4C9491)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4C9491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C9491
RGB	76, 148, 145
RGB Percent	30%, 58%, 57%
CMY	0.7020, 0.4196, 0.4314
CMYK	0.49, 0.00, 0.02, 0.42
HSL	177°, 32%, 44%
HSV	177°, 49%, 58%
XYZ	18.6812, 24.7606, 30.5827
YIQ	126.1300, -41.9490, -16.1970

# Conversions

## Conversions Part 2

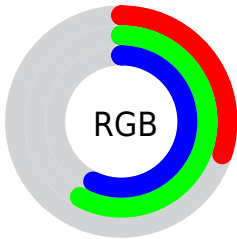
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 113, 148
Decimal	5018769
CIE <sub>Lab</sub>	56.84, -23.26, -5.39
CIE <sub>LCh</sub>	57, 23.879, 193.046
Yxy	24.7606, 0.2524, 0.3345
Android (android.graphics.Color)	4283208849 (0xFF4C9491)
YUV	126.1300, 9.3029, -43.9640
Hunter-Lab	49.7601, -20.0665, -1.6078

# Details

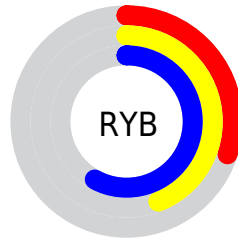
The Hex color **4C9491** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **944C4F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **82CAC7**, and **0E615F** is the 20% darker color. If you saturate the color by 10%, you get **3D9490**, and if you desaturate by 10%, it is **5B9492**.

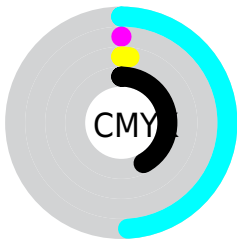
# Distribution



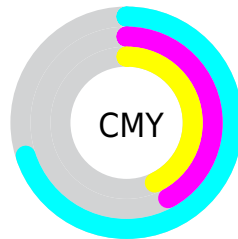
- Red (30%)
- Green (58%)
- Blue (57%)



- Red (30%)
- Yellow (44%)
- Blue (58%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C9491 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 4C9491 by changing the saturation by 10% instead.





4C9491



4C9491

FFFFFF



307A77



82CAC7



0E615F



9EE7E3



004947



BAFFFF



003231



D6FFFF



001E1C



F4FFFF



000000



4C9491



4C9491



3D9490



5B9492



2E9490



6A9492

■ 20948F

■ 789493

■ 11948F

■ 879493

■ 02948E

■ 969494

■ 00948E

■ A59495

■ B49495

■ C29496

■ D19497

# Harmonies

## Analogous

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



5F937C



4C9491



4A92A4

# Triad

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



4C9491



9780A7



A28361

# Complementary

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



4C9491



944C4F

# 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.



AF7D6D



4C9491



AA7A95

# Square

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



4C9491



7B87B1



B27980



8E8A60

# Rectangle

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



4C9491



5590AD



B27980



A78164



# Sweetspot

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



4C9491



A3BFBE



50944C



4F6160



E0E0E0



616161



# Same Dimension

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



4C9491



50BFBB



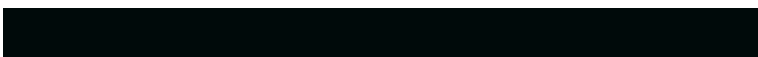
4C7494



434A4A



008A84



000A0A



# Inverse Universe

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



944C4F



BF5055



946C4C



4A4343



8A0006

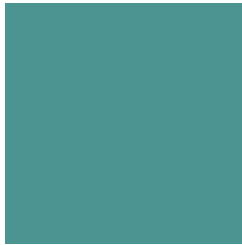


0A0000



# Previews

## White Background



This preview shows how the Hex color 4C9491 looks on a white background.

## Color Contrast Check

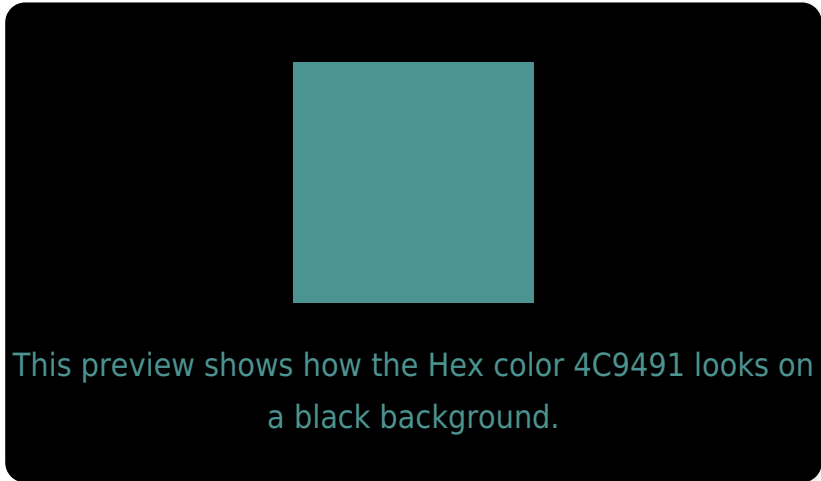
Large Text (above 18pt) WCAG AA ✓ Pass

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

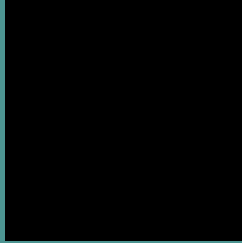
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C9491 Background



This preview shows how black text looks on a background with the Hex color 4C9491.

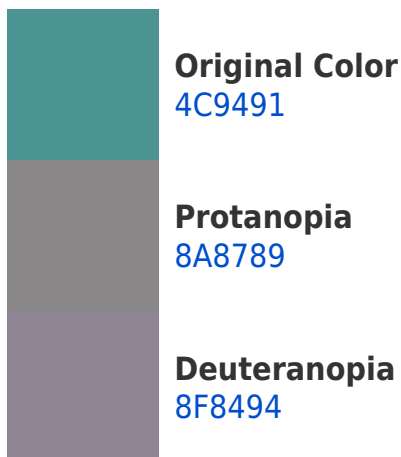


This preview shows how white text looks on a background with the Hex color 4C9491.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C9491 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 #4C9491 looks like.

```
.text, #text, p{  
    color:#4C9491  
}
```

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 #4C9491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9491
}
```

## Border

The CSS property to change the border of an element to Hex 4C9491 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
#4C9491 }
```

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

```
.border{ border-color:#4C9491 }
```

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

Here you see how a box with a 4 pixel #4C9491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9491; -webkit-box-shadow:4px 4px  
4px 4px #4C9491; box-shadow:4px 4px 4px  
4px #4C9491 }
```

# Background

The CSS property to change the background color of an element to Hex 4C9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9491 }
```

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

```
.background{ background-color:#4C9491 }
```

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