

# Converting Colors

Hex(4F9690)

Have a look what the booklet for  
Hex(4F9690) contains.

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**Color**

**Hex(4F9690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F9690
RGB	79, 150, 144
RGB Percent	31%, 59%, 56%
CMY	0.6902, 0.4118, 0.4353
CMYK	0.47, 0.00, 0.04, 0.41
HSL	175°, 31%, 45%
HSV	175°, 47%, 59%
XYZ	19.1648, 25.4886, 30.2953
YIQ	128.0870, -40.3900, -16.9180

# Conversions

## Conversions Part 2

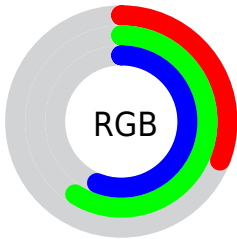
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 116, 150
Decimal	5215888
CIELab	57.55, -23.82, -3.76
CIELCh	58, 24.117, 188.969
Yxy	25.4886, 0.2557, 0.3401
Android (android.graphics.Color)	4283405968 (0xFF4F9690)
YUV	128.0870, 7.8451, -43.0493
Hunter-Lab	50.4862, -20.5913, -0.2378

# Details

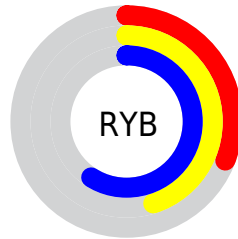
The Hex color **4F9690** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **964F55**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **85CCC6**, and **14635E** is the 20% darker color. If you saturate the color by 10%, you get **40968F**, and if you desaturate by 10%, it is **5E9691**.

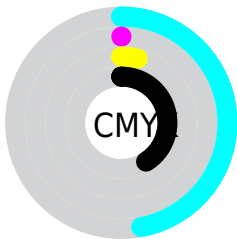
# Distribution



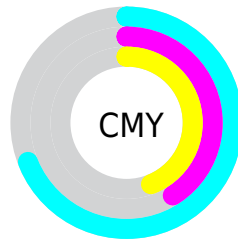
- Red (31%)
- Green (59%)
- Blue (56%)



- Red (31%)
- Yellow (45%)
- Blue (59%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)



- Cyan (69%)
- Magenta (41%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F9690 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 4F9690 by changing the saturation by 10% instead.



 4F9690

 4F9690

FFFFFF

 347C76

 85CCC6

 14635E

 A1E9E2

 004B46


 BDFFFE

 003330

 D9FFFF

 00201B

 F6FFFF


 000000

 4F9690

 4F9690

 40968F

 5E9691

 31968D

 6D9693

■ 22968C

■ 7C9694

■ 13968B

■ 8B9695

■ 04968A

■ 9A9696

■ 009689

■ A99698

■ B89699

■ C7969A

■ D6969B

# Harmonies

## Analogous

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



63957A



4F9690



4A95A4

# Triad

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



4F9690



9583AB



A68463

# Complementary

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



4F9690



964F55

# 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.



B27E71



4F9690



AA7D9A

# Square

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



4F9690



798AB4



B47B85



938B60

# Rectangle

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



4F9690



5392AE



B47B85



AB8267



# Sweetspot

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



4F9690



A7C2C0



56964F



506160



E0E0E0



616161



# Same Dimension

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



4F9690



53C2B8



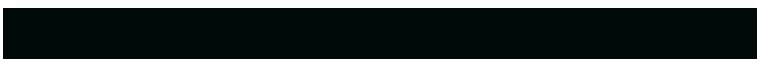
4F7A96



434A49



008A7E



000A09



# Inverse Universe

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



964F55



C2535D



966B4F



4A4343



8A000C

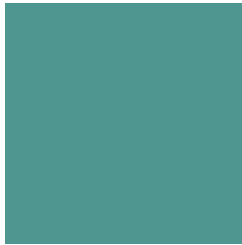


0A0001



# Previews

## White Background



This preview shows how the Hex color 4F9690 looks on a white background.

## Color Contrast Check

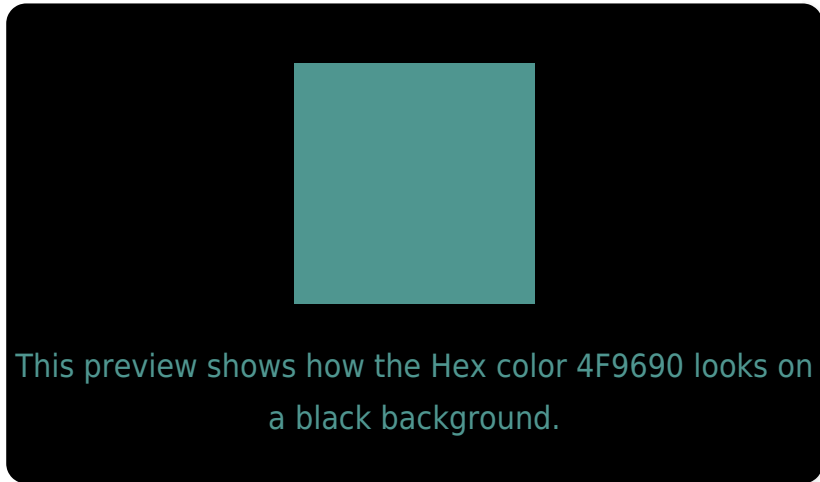
Large Text (above 18pt) WCAG AA ✓ Pass

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

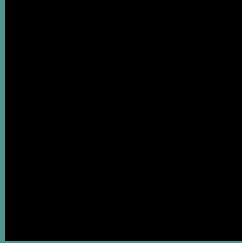
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4F9690 Background



This preview shows how black text looks on a background with the Hex color 4F9690.

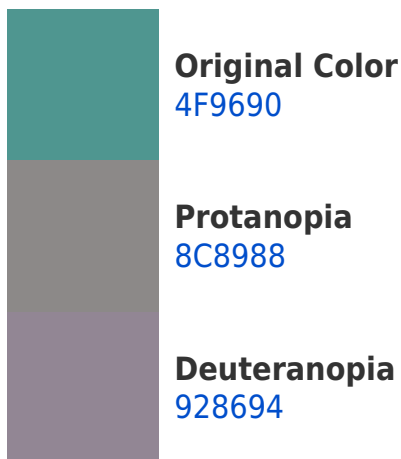


This preview shows how white text looks on a background with the Hex color 4F9690.

# 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**  
5494A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F9690 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 #4F9690 looks like.

```
.text, #text, p{  
    color:#4F9690  
}
```

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 #4F9690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9690
}
```

## Border

The CSS property to change the border of an element to Hex 4F9690 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
#4F9690 }
```

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

```
.border{ border-color:#4F9690 }
```

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

Here you see how a box with a 4 pixel #4F9690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9690; -webkit-box-shadow:4px 4px  
4px 4px #4F9690; box-shadow:4px 4px 4px  
4px #4F9690 }
```

# Background

The CSS property to change the background color of an element to Hex 4F9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9690 }
```

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

```
.background{ background-color:#4F9690 }
```

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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