

Converting Colors

Hex(4C9691)

Have a look what the booklet for
Hex(4C9691) contains.

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Color

Hex(4C9691)

Conversions

Conversions Part 1

Format	Color
Hex	4C9691
RGB	76, 150, 145
RGB Percent	30%, 59%, 57%
CMY	0.7020, 0.4118, 0.4314
CMYK	0.49, 0.00, 0.03, 0.41
HSL	176°, 33%, 44%
HSV	176°, 49%, 59%
XYZ	18.9977, 25.3935, 30.6882
YIQ	127.3040, -42.4990, -17.2430

Conversions

Conversions Part 2

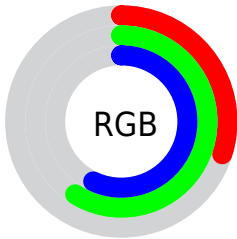
Format	Color
RYB	76, 114, 150
Decimal	5019281
CIELab	57.46, -24.28, -4.48
CIELCh	57, 24.693, 190.453
Yxy	25.3935, 0.2530, 0.3382
Android (android.graphics.Color)	4283209361 (0xFF4C9691)
YUV	127.3040, 8.7241, -44.9936
Hunter-Lab	50.3920, -20.8919, -0.8326

Details

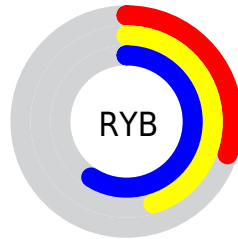
The Hex color **4C9691** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **964C51**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **82CCC7**, and **0D635F** is the 20% darker color. If you saturate the color by 10%, you get **3D9690**, and if you desaturate by 10%, it is **5B9692**.

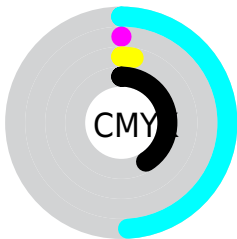
Distribution



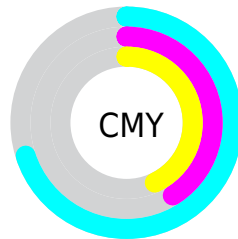
- Red (30%)
- Green (59%)
- Blue (57%)



- Red (30%)
- Yellow (45%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (70%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9691 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 4C9691 by changing the saturation by 10% instead.



4C9691



4C9691

FFFFFF



307C77



82CCC7



0D635F



9EE9E3



004B47



BAFFFF



003331



D7FFFF



00201C



F4FFFF



000000



4C9691



4C9691



3D9690



5B9692



2E968F



6A9693

1F968E

799694

10968D

889695

01968C

979696

00968C

A69697

B59698

C49699

D3969A

Harmonies

Analogous

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



61957B



4C9691



4794A5

Triad

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



4C9691



9782AB



A68462

Complementary

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



4C9691



964C51

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.



B27D6F



4C9691



AC7C99

Square

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



4C9691



7989B4



B57A83



928B5F

Rectangle

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



4C9691



5292AF



B57A83



AB8165

Sweetspot

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



4C9691



A5C2C0



52964C



4F6160



E0E0E0



616161

Same Dimension

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



4C9691



4FC2BA



4C7796



434A49



008A80



000A0A

Inverse Universe

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



964C51



C24F57



966B4C



4A4343



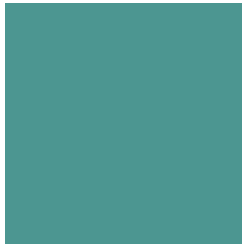
8A0009



0A0001

Previews

White Background



This preview shows how the Hex color 4C9691 looks on a white background.

Color Contrast Check

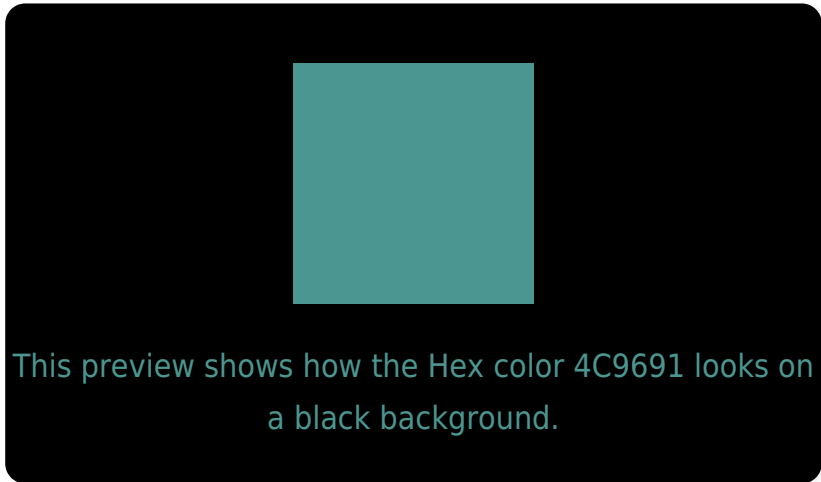
Large Text (above 18pt) WCAG AA ✓ Pass

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

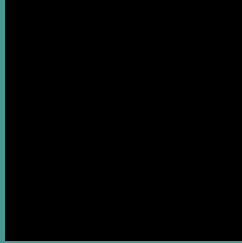
Any Text WCAG AA ✓ Pass

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 4C9691 Background



This preview shows how black text looks on a background with the Hex color 4C9691.

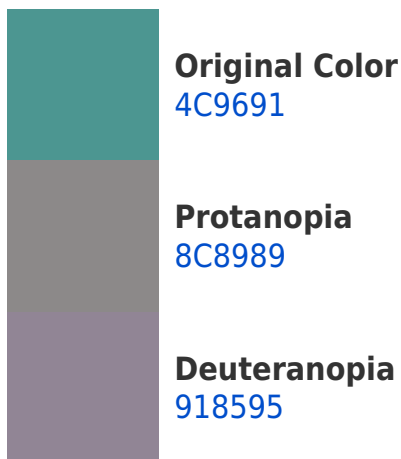


This preview shows how white text looks on a background with the Hex color 4C9691.

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
5194A0

Trichromacy



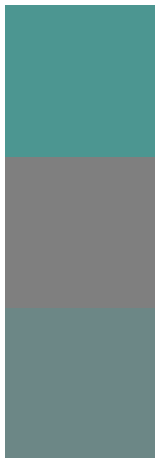
Original Color
4C9691

Protanomaly
758E8C

Deuteranomaly
788B94

Tritanomaly
4F959B

Monochromacy



Original Color
4C9691

Achromatopsia
7F7F7F

Achromatomaly
6C8786

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9691 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 #4C9691 looks like.

```
.text, #text, p{  
    color:#4C9691  
}
```

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 #4C9691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9691
}
```

Border

The CSS property to change the border of an element to Hex 4C9691 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
#4C9691 }
```

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

```
.border{ border-color:#4C9691 }
```

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

Here you see how a box with a 4 pixel #4C9691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9691; -webkit-box-shadow:4px 4px  
4px 4px #4C9691; box-shadow:4px 4px 4px  
4px #4C9691 }
```

Background

The CSS property to change the background color of an element to Hex 4C9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9691 }
```

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

```
.background{ background-color:#4C9691 }
```

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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