

Converting Colors

Hex(4C9678)

Have a look what the booklet for
Hex(4C9678) contains.

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Color

Hex(4C9678)

Conversions

Conversions Part 1

Format	Color
Hex	4C9678
RGB	76, 150, 120
RGB Percent	30%, 59%, 47%
CMY	0.7020, 0.4118, 0.5294
CMYK	0.49, 0.00, 0.20, 0.41
HSL	156°, 33%, 44%
HSV	156°, 49%, 59%
XYZ	17.2770, 24.7053, 21.6273
YIQ	124.4540, -34.4740, -25.0180

Conversions

Conversions Part 2

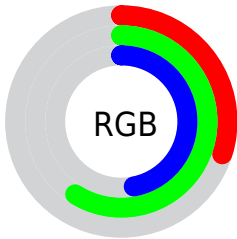
Format	Color
RYB	76, 122, 150
Decimal	5019256
CIELab	56.79, -30.50, 8.80
CIElCh	57, 31.747, 163.903
Yxy	24.7053, 0.2716, 0.3884
Android (android.graphics.Color)	4283209336 (0xFF4C9678)
YUV	124.4540, -2.1958, -42.4942
Hunter-Lab	49.7044, -24.9369, 8.9949

Details

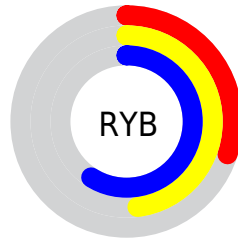
The Hex color **4C9678** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **964C6A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **81CDAC**, and **126348** is the 20% darker color. If you saturate the color by 10%, you get **3D9672**, and if you desaturate by 10%, it is **5B967E**.

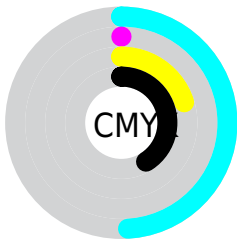
Distribution



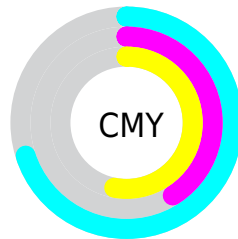
- Red (30%)
- Green (59%)
- Blue (47%)



- Red (30%)
- Yellow (48%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)



- Cyan (70%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9678 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 4C9678 by changing the saturation by 10% instead.



4C9678



4C9678

FFFFFF



317C5F



81CDAC



126348



9DE9C8



004A31



B9FFE4



00331C



D5FFFF



002002



F2FFFF



000000



4C9678



4C9678



3D9672



5B967E



2E966C



6A9684

■ 1F9666

■ 79968A

■ 109660

■ 889690

■ 01965A

■ 979696

■ 009659

■ A6969C

■ B596A3

■ C496A9

■ D396AF

Harmonies

Analogous

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



6F925F



4C9678



259795

Triad

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



4C9678



7587BE



B97863

Complementary

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



4C9678



964C6A

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.



BE737C



4C9678



9C7CB0

Square

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



4C9678



468FBD



B57598



A78153

Rectangle

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



4C9678



1196A6



B57598



BC766B

Sweetspot

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



4C9678



A5C2B6



6B964C



4F615A



E0E0E0



616161

Same Dimension

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



4C9678



4FC293



4C9096



434A47



008A52



000A06

Inverse Universe

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



964C6A



C24F7E



96524C



4A4346



8A0038



0A0004

Previews

White Background



This preview shows how the Hex color 4C9678 looks on a white background.

Color Contrast Check

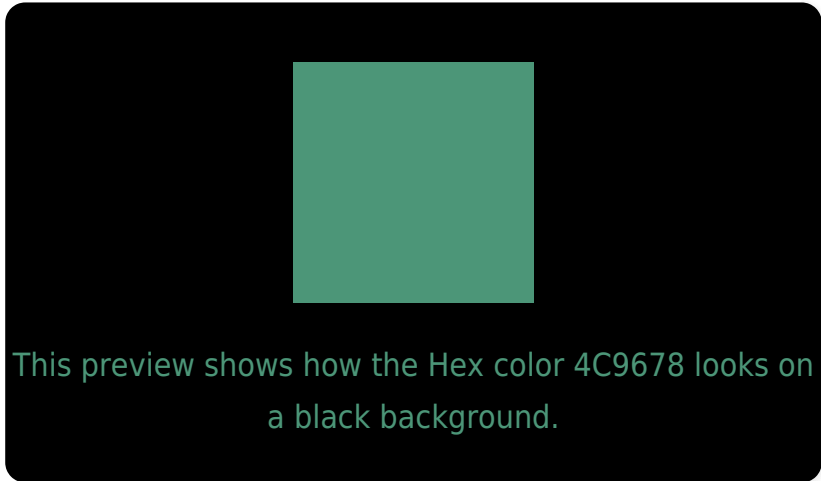
Large Text (above 18pt) WCAG AA ✓ Pass

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

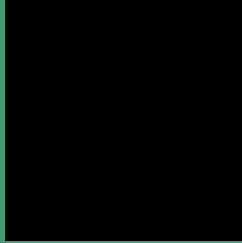
Any Text WCAG AA ✓ Pass

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 4C9678 Background



This preview shows how black text looks on a background with the Hex color 4C9678.



This preview shows how white text looks on a background with the Hex color 4C9678.

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
56919D

Trichromacy



Original Color
4C9678

Protanomaly
778C74

Deuteranomaly
7D8A7B

Tritanomaly
529390

Monochromacy



Original Color
4C9678

Achromatopsia
7C7C7C

Achromatomaly
6B857B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9678 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 #4C9678 looks like.

```
.text, #text, p{  
    color:#4C9678  
}
```

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 #4C9678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9678
}
```

Border

The CSS property to change the border of an element to Hex 4C9678 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
#4C9678 }
```

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

```
.border{ border-color:#4C9678 }
```

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

Here you see how a box with a 4 pixel #4C9678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9678; -webkit-box-shadow:4px 4px  
4px 4px #4C9678; box-shadow:4px 4px 4px  
4px #4C9678 }
```

Background

The CSS property to change the background color of an element to Hex 4C9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9678 }
```

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

```
.background{ background-color:#4C9678 }
```

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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