

Converting Colors

Hex(4D9872)

Have a look what the booklet for
Hex(4D9872) contains.

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Color

Hex(4D9872)

Conversions

Conversions Part 1

Format	Color
Hex	4D9872
RGB	77, 152, 114
RGB Percent	30%, 60%, 45%
CMY	0.6980, 0.4039, 0.5529
CMYK	0.49, 0.00, 0.25, 0.40
HSL	150°, 33%, 45%
HSV	150°, 49%, 60%
XYZ	17.3261, 25.2492, 19.8800
YIQ	125.2430, -32.5020, -27.7180

Conversions

Conversions Part 2

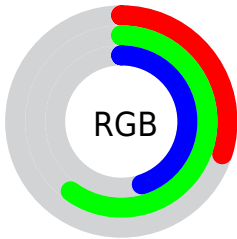
Format	Color
RYB	77, 127, 152
Decimal	5085298
CIELab	57.32, -32.52, 12.95
CIELCh	57, 35.003, 158.290
Yxy	25.2492, 0.2774, 0.4043
Android (android.graphics.Color)	4283275378 (0xFF4D9872)
YUV	125.2430, -5.5428, -42.3091
Hunter-Lab	50.2485, -26.3868, 11.7169

Details

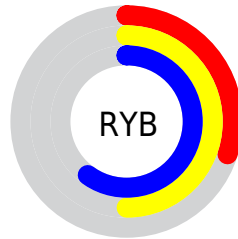
The Hex color **4D9872** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **984D73**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **83CFA6**, and **136442** is the 20% darker color. If you saturate the color by 10%, you get **3E986A**, and if you desaturate by 10%, it is **5C987A**.

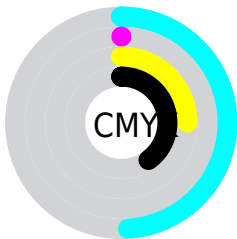
Distribution



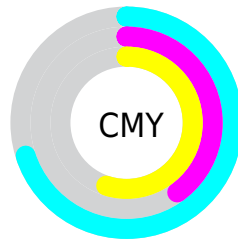
- Red (30%)
- Green (60%)
- Blue (45%)



- Red (30%)
- Yellow (50%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (70%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9872 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 4D9872 by changing the saturation by 10% instead.



4D9872



4D9872

FFFFFF



327E59



83CFA6



136442



9EEBC1



004C2C



BAFFDD



003417



D6FFFA



002100



F3FFFF



000000



4D9872



4D9872



3E986A



5C987A



2F9863



6B9881

■ 1F985B

■ 7B9889

■ 109853

■ 8A9891

■ 01984B

■ 999899

■ 00984B

■ A898A0

■ B798A8

■ C798B0

■ D698B7

Harmonies

Analogous

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



749358



4D9872



139A91

Triad

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



4D9872



6A8AC6



C17665

Complementary

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



4D9872



984D73

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.



C47182



4D9872



987FBA

Square

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



4D9872



2C93C2



B775A1



B08051

Rectangle

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



4D9872



0099A6



B775A1



C4746E

Sweetspot

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



4D9872



A7C4B5



74984D



52635A



E3E3E3



636363

Same Dimension

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



4D9872



51C48A



4D9897



454D49



008C45



000D06

Inverse Universe

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



984D73



C4518B



984D4E



4D4549



8C0047



0D0006

Previews

White Background



This preview shows how the Hex color 4D9872 looks on a white background.

Color Contrast Check

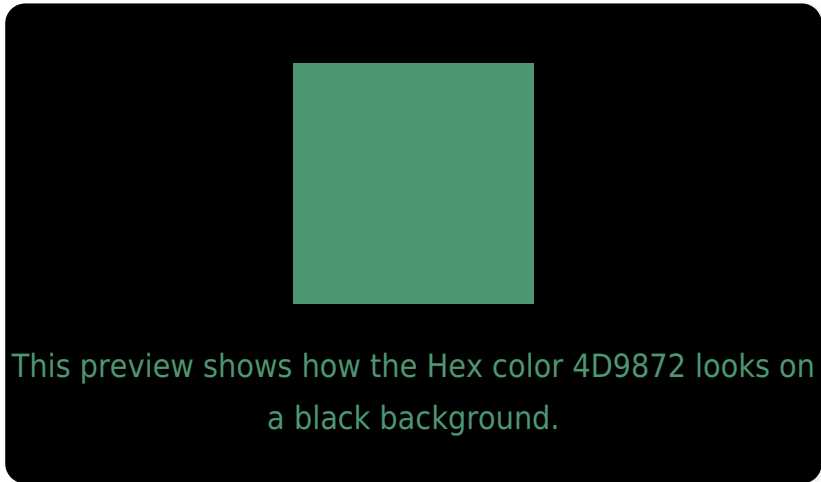
Large Text (above 18pt) WCAG AA ✓ Pass

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

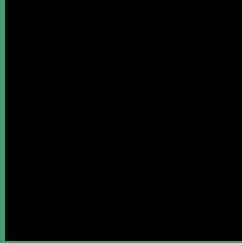
Any Text WCAG AA ✓ Pass

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 4D9872 Background



This preview shows how black text looks on a background with the Hex color 4D9872.



This preview shows how white text looks on a background with the Hex color 4D9872.

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



Original Color
4D9872

Protanopia
92896B

Deuteranopia
9D8476



Tritanopia
59929E

Trichromacy



Original Color
4D9872



Protanomaly
798E6E



Deuteranomaly
808B75



Tritanomaly
55948E

Monochromacy



Original Color
4D9872



Achromatopsia
7D7D7D



Achromatomaly
6C8779

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9872 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 #4D9872 looks like.

```
.text, #text, p{  
    color:#4D9872  
}
```

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 #4D9872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9872
}
```

Border

The CSS property to change the border of an element to Hex 4D9872 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
#4D9872 }
```

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

```
.border{ border-color:#4D9872 }
```

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

Here you see how a box with a 4 pixel #4D9872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9872; -webkit-box-shadow:4px 4px  
4px 4px #4D9872; box-shadow:4px 4px 4px  
4px #4D9872 }
```

Background

The CSS property to change the background color of an element to Hex 4D9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9872 }
```

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

```
.background{ background-color:#4D9872 }
```

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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