

Converting Colors

Hex(4D9874)

Have a look what the booklet for
Hex(4D9874) contains.

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Color

Hex(4D9874)

Conversions

Conversions Part 1

Format	Color
Hex	4D9874
RGB	77, 152, 116
RGB Percent	30%, 60%, 45%
CMY	0.6980, 0.4039, 0.5451
CMYK	0.49, 0.00, 0.24, 0.40
HSL	151°, 33%, 45%
HSV	151°, 49%, 60%
XYZ	17.4412, 25.2952, 20.4862
YIQ	125.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

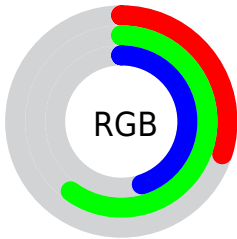
Format	Color
RYB	77, 126, 152
Decimal	5085300
CIELab	57.36, -32.09, 11.88
CIELCh	57, 34.216, 159.678
Yxy	25.2952, 0.2759, 0.4001
Android (android.graphics.Color)	4283275380 (0xFF4D9874)
YUV	125.4710, -4.6692, -42.5091
Hunter-Lab	50.2943, -26.1144, 11.0557

Details

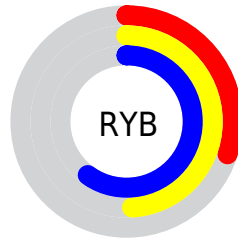
The Hex color **4D9874** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **984D71**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **83CFA8**, and **136444** is the 20% darker color. If you saturate the color by 10%, you get **3E986D**, and if you desaturate by 10%, it is **5C987B**.

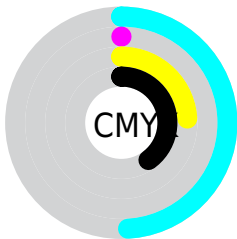
Distribution



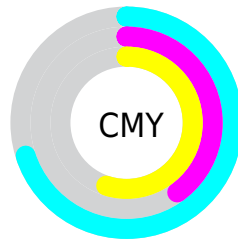
- Red (30%)
- Green (60%)
- Blue (45%)



- Red (30%)
- Yellow (49%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9874 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 4D9874 by changing the saturation by 10% instead.

 4D9874

 4D9874

FFFFFF

 327E5B

 83CFA8

 136444

 9EEBC3

 004C2D

 BAFFDF

 003418

 D6FFFC

 002100

 F3FFFF

 000000

 4D9874

 4D9874

 3E986D

 5C987B

 2F9865

 6B9883

■ 1F985E

■ 7B988A

■ 109857

■ 8A9891

■ 019850

■ 999898

■ 00984F

■ A898A0

■ B798A7

■ C798AE

■ D698B6

Harmonies

Analogous

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



73935B



4D9874



199A93

Triad

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



4D9874



6E89C4



BF7765

Complementary

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



4D9874



984D71

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.



C37281



4D9874



9A7EB8

Square

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



4D9874



3592C1



B7759F



AE8152

Rectangle

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



4D9874



0099A6



B7759F



C2756E

Sweetspot

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



4D9874



A7C4B6



71984D



52635B



E3E3E3



636363

Same Dimension

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



4D9874



51C48D



4D9798



454D49



008C49



000D07

Inverse Universe

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



984D71



C45188



984E4D



4D4549



8C0043



0D0006

Previews

White Background



This preview shows how the Hex color 4D9874 looks on a white background.

Color Contrast Check

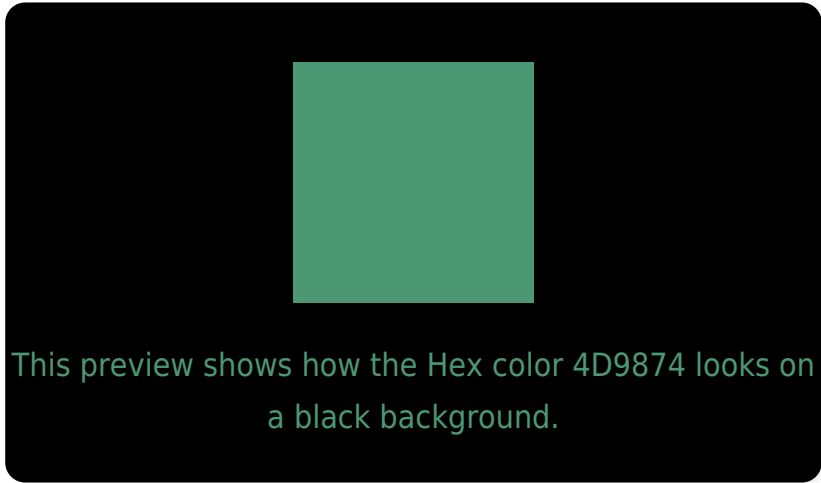
Large Text (above 18pt) WCAG AA ✓ Pass

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

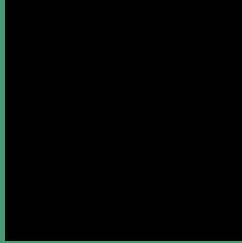
Any Text WCAG AA ✓ Pass

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 4D9874 Background



This preview shows how black text looks on a background with the Hex color 4D9874.



This preview shows how white text looks on a background with the Hex color 4D9874.

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
58929E

Trichromacy



Original Color
4D9874



Protanomaly
798E70



Deuteranomaly
7F8B77



Tritanomaly
54948F

Monochromacy



Original Color
4D9874



Achromatopsia
7D7D7D



Achromatomaly
6C877A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9874 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 #4D9874 looks like.

```
.text, #text, p{  
    color:#4D9874  
}
```

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 #4D9874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9874  
}
```

Border

The CSS property to change the border of an element to Hex 4D9874 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  
#4D9874 }
```

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

```
.border{ border-color:#4D9874 }
```

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

Here you see how a box with a 4 pixel #4D9874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9874; -webkit-box-shadow:4px 4px  
4px 4px #4D9874; box-shadow:4px 4px 4px  
4px #4D9874 }
```

Background

The CSS property to change the background color of an element to Hex 4D9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9874 }
```

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

```
.background{ background-color:#4D9874 }
```

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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