

Converting Colors

Hex(49B474)

Have a look what the booklet for
Hex(49B474) contains.

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Color

Hex(49B474)

Conversions

Conversions Part 1

Format	Color
Hex	49B474
RGB	73, 180, 116
RGB Percent	29%, 71%, 45%
CMY	0.7137, 0.2941, 0.5451
CMYK	0.59, 0.00, 0.36, 0.29
HSL	144°, 42%, 50%
HSV	144°, 59%, 71%
XYZ	22.2213, 35.3199, 22.1692
YIQ	140.7110, -43.2280, -42.5880

Conversions

Conversions Part 2

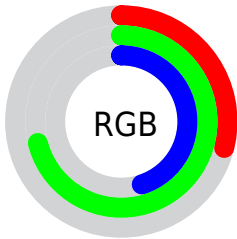
Format	Color
RYB	73, 149, 180
Decimal	4830324
CIELab	66.00, -45.41, 23.71
CIELCh	66, 51.233, 152.427
Yxy	35.3199, 0.2788, 0.4431
Android (android.graphics.Color)	4283020404 (0xFF49B474)
YUV	140.7110, -12.1825, -59.3825
Hunter-Lab	59.4306, -37.2618, 19.4846

Details

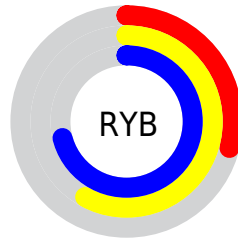
The Hex color **49B474** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B44989**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **83EDA8**, and **007E43** is the 20% darker color. If you saturate the color by 10%, you get **37B469**, and if you desaturate by 10%, it is **5BB47F**.

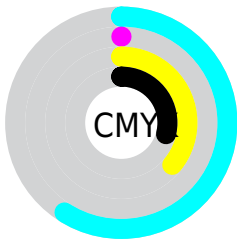
Distribution



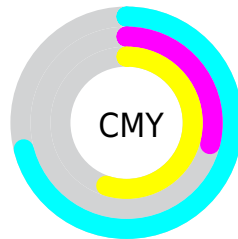
- Red (29%)
- Green (71%)
- Blue (45%)



- Red (29%)
- Yellow (58%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B474 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 49B474 by changing the saturation by 10% instead.



49B474



49B474

FFFFFF



29995B



83EDA8



007E43



9FFFC4



00642C



BCFFE0



004B16



D9FFFD



003400



F7FFFF



001D00



000000



49B474



49B474



37B469



5BB47F

 25B45E

 6DB48A

 13B454

 7FB494

 01B449

 91B49F

 00B448

 A3B4AA

 B5B4B5

 C7B4BF

 D9B4CA

 EBB4D5

Harmonies

Analogous

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



88AC4F



49B474



00B7A3

Triad

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



49B474



50A4FC



F37F72

Complementary

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



49B474



B44989

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.



F4799E



49B474



A893EE

Square

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



49B474



00B0F1



DC81CC



DC8E4F

Rectangle

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



49B474



00B7C2



DC81CC



F67B80

Sweetspot

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



49B474



C0EBD1



89B449



5B7566



F5F5F5



757575

Same Dimension

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



49B474



44EB87



49B4A9



505954



00993D



001A0A

Inverse Universe

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



B44989



EB44A8



B44954



595056



99005C



1A000F

Previews

White Background



This preview shows how the Hex color 49B474 looks on a white background.

Color Contrast Check

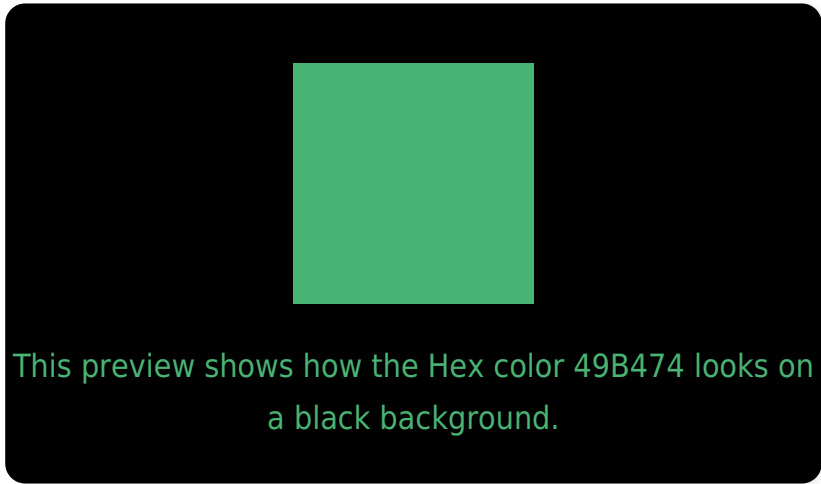
Large Text (above 18pt) WCAG AA × Fail

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

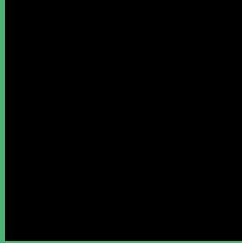
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 49B474 Background



This preview shows how black text looks on a background with the Hex color 49B474.

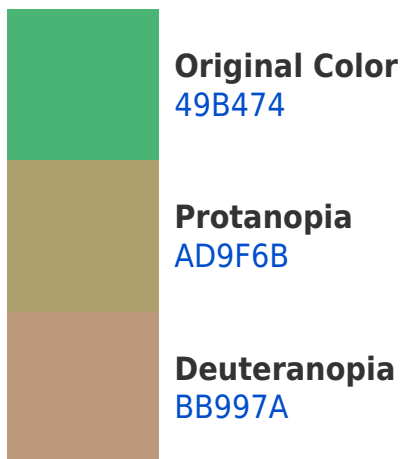


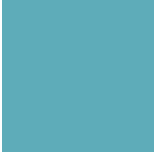
This preview shows how white text looks on a background with the Hex color 49B474.

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





Trichromacy



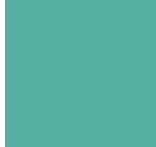
Original Color
49B474



Protanomaly
89A76E



Deuteranomaly
92A378



Tritanomaly
56AFA0

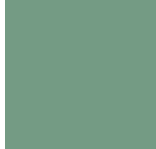
Monochromacy



Original Color
49B474



Achromatopsia
8D8D8D



Achromatomaly
749B84

CSS Examples

Text

The CSS property to change the color of the text to Hex 49B474 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 #49B474 looks like.

```
.text, #text, p{  
    color:#49B474  
}
```

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 #49B474 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B474
}
```

Border

The CSS property to change the border of an element to Hex 49B474 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
#49B474 }
```

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

```
.border{ border-color:#49B474 }
```

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

Here you see how a box with a 4 pixel #49B474 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B474; -webkit-box-shadow:4px 4px  
4px 4px #49B474; box-shadow:4px 4px 4px  
4px #49B474 }
```

Background

The CSS property to change the background color of an element to Hex 49B474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B474 }
```

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

```
.background{ background-color:#49B474 }
```

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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