

Converting Colors

Hex(49824B)

Have a look what the booklet for
Hex(49824B) contains.

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Color

Hex(49824B)

Conversions

Conversions Part 1

Format	Color
Hex	49824B
RGB	73, 130, 75
RGB Percent	29%, 51%, 29%
CMY	0.7137, 0.4902, 0.7059
CMYK	0.44, 0.00, 0.42, 0.49
HSL	122°, 28%, 40%
HSV	122°, 44%, 51%
XYZ	12.0003, 17.8897, 9.4772
YIQ	106.6870, -16.3170, -29.1890

Conversions

Conversions Part 2

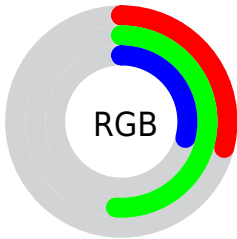
Format	Color
R_{YB}	73, 128, 130
Decimal	4817483
CIE _{Lab}	49.36, -30.90, 24.06
CIE _{LCh}	49, 39.160, 142.094
Yxy	17.8897, 0.3048, 0.4544
Android (android.graphics.Color)	4283007563 (0xFF49824B)
YUV	106.6870, -15.6217, -29.5435
Hunter-Lab	42.2963, -23.3745, 16.3224

Details

The Hex color **49824B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **824980**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7DB77D**, and **14501D** is the 20% darker color. If you saturate the color by 10%, you get **3C823E**, and if you desaturate by 10%, it is **568258**.

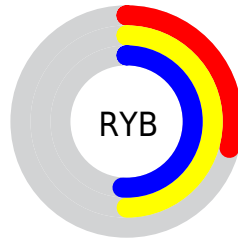
Distribution



Red (29%)

Green (51%)

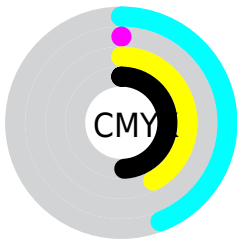
Blue (29%)



Red (29%)

Yellow (50%)

Blue (51%)

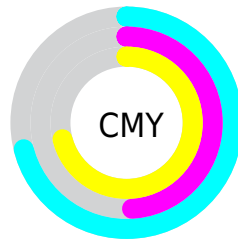


Cyan (44%)

Magenta (0%)

Yellow (42%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49824B 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 49824B by changing the saturation by 10% instead.



49824B



49824B

FFFFFF



306934



7DB77D



14501D



98D397



003806



B3F0B1



002400



CFFFCD



000000



ECFFE9



49824B



49824B



3C823E



568258



2F8232



638264

■ 228225

■ 708271

■ 158219

■ 7D827D

■ 08820C

■ 8A828A

■ 008205

■ 978296

■ A482A3

■ B182AF

■ BE82BC

Harmonies

Analogous

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



717B35



49824B



00866B

Triad

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



49824B



187BB7



B45B5E

Complementary

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



49824B



824980

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.



AE5A80



49824B



6970B3

Square

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



49824B



0083A9



96639F



A86442

Rectangle

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



49824B



008682



96639F



B45969

Sweetspot

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



49824B



92A893



808249



475447



D4D4D4



545454

Same Dimension

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



49824B



4FA852



498267



39403A



008004



000000

Inverse Universe

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



824980



A84FA5



824964



403940



80007B



000000

Previews

White Background



This preview shows how the Hex color 49824B looks on a white background.

Color Contrast Check

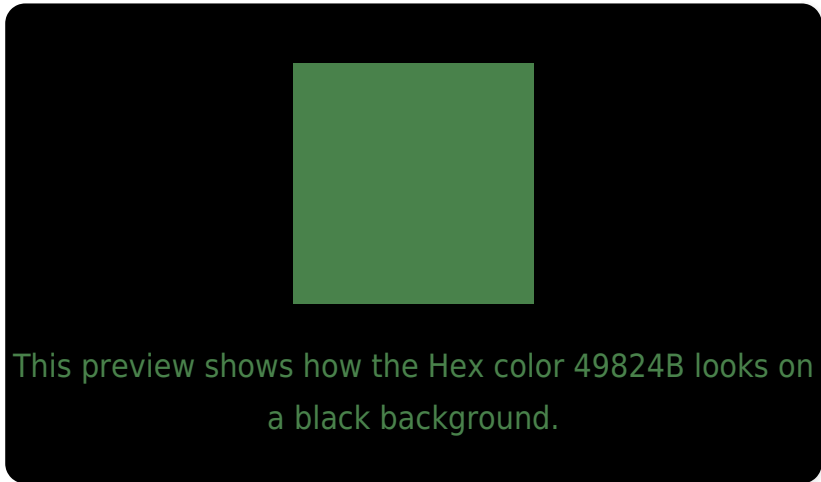
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 49824B Background



This preview shows how black text looks on a background with the Hex color 49824B.



This preview shows how white text looks on a background with the Hex color 49824B.

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
557B85

Trichromacy



Original Color
49824B

Protanomaly
6C7A48

Deuteranomaly
74774E

Tritanomaly
517E70

Monochromacy



Original Color
49824B

Achromatopsia
6B6B6B

Achromatomaly
5F735F

CSS Examples

Text

The CSS property to change the color of the text to Hex 49824B 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 #49824B looks like.

```
.text, #text, p{  
    color:#49824B  
}
```

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 #49824B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49824B
}
```

Border

The CSS property to change the border of an element to Hex 49824B 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".

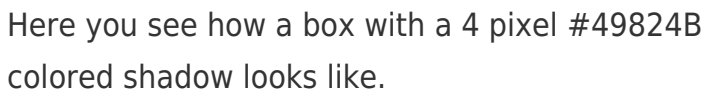
```
.border, #border, table{ border:4px solid
#49824B }
```

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

```
.border{ border-color:#49824B }
```

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

Here you see how a box with a 4 pixel #49824B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49824B; -webkit-box-shadow:4px 4px  
4px 4px #49824B; box-shadow:4px 4px 4px  
4px #49824B }
```

Background

The CSS property to change the background color of an element to Hex 49824B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49824B }
```

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

```
.background{ background-color:#49824B }
```

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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