

Converting Colors

Hex(4D824D)

Have a look what the booklet for
Hex(4D824D) contains.

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Color

Hex(4D824D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4D824D |
| RGB | 77, 130, 77 |
| RGB Percent | 30%, 51%, 30% |
| CMY | 0.6980, 0.4902, 0.6980 |
| CMYK | 0.41, 0.00, 0.41, 0.49 |
| HSL | 120°, 26%, 41% |
| HSV | 120°, 41%, 51% |
| XYZ | 12.3828, 18.0789, 9.8581 |
| YIQ | 108.1110, -14.5750, -27.7190 |

Conversions

Conversions Part 2

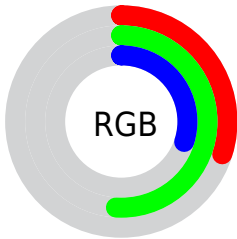
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 77, 130, 130 |
| Decimal | 5079629 |
| CIELab | 49.59, -29.25, 23.28 |
| CIELCh | 50, 37.386, 141.482 |
| Yxy | 18.0789, 0.3071, 0.4484 |
| Android (android.graphics.Color) | 4283269709 (0xFF4D824D) |
| YUV | 108.1110, -15.3377, -27.2843 |
| Hunter-Lab | 42.5192, -22.4247, 16.0171 |

Details

The Hex color **4D824D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **824D82**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **81B77F**, and **1A501F** is the 20% darker color. If you saturate the color by 10%, you get **408240**, and if you desaturate by 10%, it is **5A825A**.

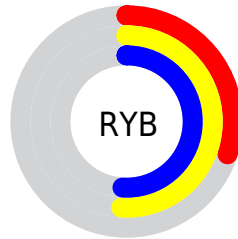
Distribution



Red (30%)

Green (51%)

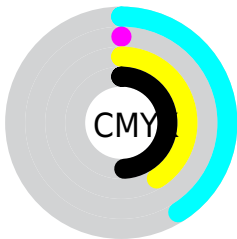
Blue (30%)



Red (30%)

Yellow (51%)

Blue (51%)

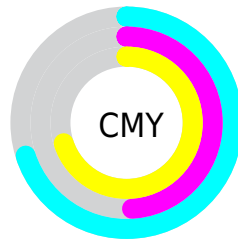


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (49%)



Cyan (70%)

Magenta (49%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D824D 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 4D824D by changing the saturation by 10% instead.

■ 4D824D

■ 4D824D

FFFFFF

■ 346936

■ 81B77F

■ 1A501F

■ 9BD399

■ 003909

■ B7F0B4

■ 002400

■ D3FFCF

■ 000000

■ F0FFEC

■ 4D824D

■ 4D824D

■ 408240

■ 5A825A

■ 338233

■ 678267

 268226

 748274

 198219

 818281

 0C820C

 8E828E

 008200

 9B829B

 A882A8

 B582B5

 C282C2

Harmonies

Analogous

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



727B39



4D824D



0B866B

Triad

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



4D824D



247CB4



B25D60

Complementary

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



4D824D



824D82

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.



AC5C80



4D824D



6A71B1

Square

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



4D824D



0083A7



94659E



A76545

Rectangle

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



4D824D



008681



94659E



B25C6B

Sweetspot

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



4D824D



94A894



82824D



485448



D4D4D4



545454

Same Dimension

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



4D824D



56A856



4D8268



394039



008000



000000

Inverse Universe

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



824D82



A856A8



824D68



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 4D824D looks on a white background.

Color Contrast Check

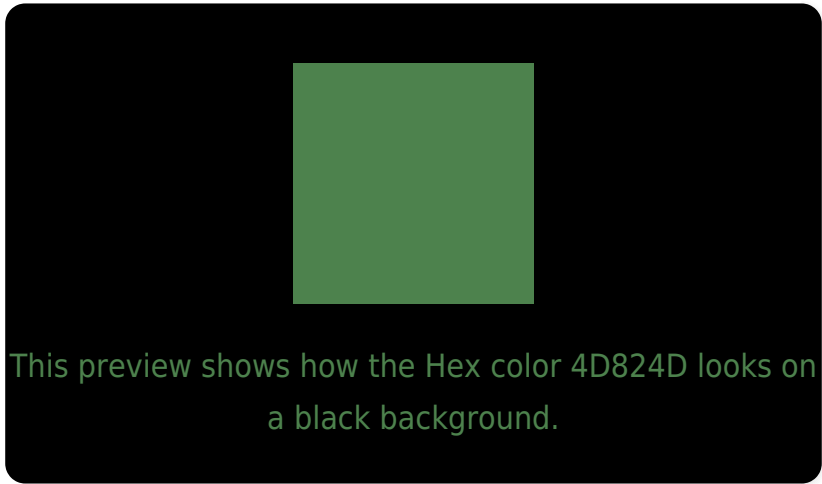
Large Text (above 18pt) WCAG AA ✓ Pass

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

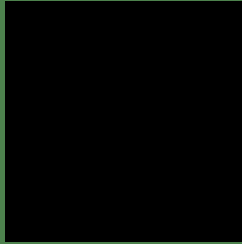
Any Text WCAG AA ✓ Pass

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 4D824D Background



This preview shows how black text looks on a background with the Hex color 4D824D.



This preview shows how white text looks on a background with the Hex color 4D824D.

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
4D824D

Protanopia
807548

Deuteranopia
8C7051



Tritanopia
587B85

Trichromacy



Original Color
4D824D

Protanomaly
6D7A4A

Deuteranomaly
757750

Tritanomaly
547E71

Monochromacy



Original Color
4D824D

Achromatopsia
6C6C6C

Achromatomaly
617461

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D824D 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 #4D824D looks like.

```
.text, #text, p{  
    color:#4D824D  
}
```

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 #4D824D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D824D
}
```

Border

The CSS property to change the border of an element to Hex 4D824D 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
#4D824D }
```

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

```
.border{ border-color:#4D824D }
```

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

Here you see how a box with a 4 pixel #4D824D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D824D; -webkit-box-shadow:4px 4px  
4px 4px #4D824D; box-shadow:4px 4px 4px  
4px #4D824D }
```

Background

The CSS property to change the background color of an element to Hex 4D824D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D824D }
```

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

```
.background{ background-color:#4D824D }
```

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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