

Converting Colors

Hex(484B27)

Have a look what the booklet for
Hex(484B27) contains.

Hex(484B27)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(484B27)

Conversions

Conversions Part 1

Format	Color
Hex	484B27
RGB	72, 75, 39
RGB Percent	28%, 29%, 15%
CMY	0.7176, 0.7059, 0.8471
CMYK	0.04, 0.00, 0.48, 0.71
HSL	65°, 32%, 22%
HSV	65°, 48%, 29%
XYZ	5.5548, 6.5564, 2.8922
YIQ	69.9990, 9.7680, -11.8320

Conversions

Conversions Part 2

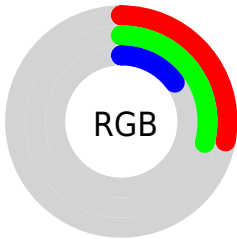
Format	Color
RYB	39, 75, 42
Decimal	4737831
CIELab	30.77, -7.58, 20.97
CIELCh	31, 22.300, 109.874
Yxy	6.5564, 0.3702, 0.4370
Android (android.graphics.Color)	4282927911 (0xFF484B27)
YUV	69.9990, -15.2825, 1.7549
Hunter-Lab	25.6054, -6.0860, 11.2268

Details

The Hex color **484B27** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2A274B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **797C55**, and **1D1F00** is the 20% darker color. If you saturate the color by 10%, you get **474B20**, and if you desaturate by 10%, it is **494B2F**.

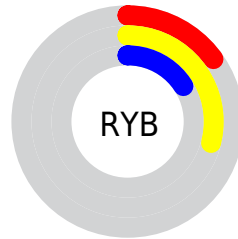
Distribution



Red (28%)

Green (29%)

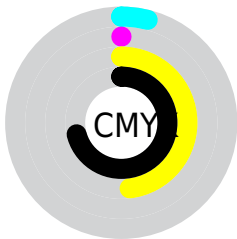
Blue (15%)



Red (15%)

Yellow (29%)

Blue (16%)

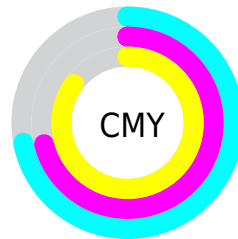


Cyan (4%)

Magenta (0%)

Yellow (48%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484B27 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 484B27 by changing the saturation by 10% instead.



484B27



484B27

FFFFFF



313412



797C55



1D1F00



93956D



000500



AEB087



000000



CACCA1



E6E8BC



FFFFD8



FFFFF5



484B27



484B27

■ 474B20

■ 494B2F

■ 474B18

■ 494B36

■ 464B10

■ 4A4B3E

■ 454B09

■ 4B4B45

■ 454B02

■ 4B4B4D

■ 454B00

■ 4C4B54

■ 4C4B5C

■ 4D4B63

■ 4E4B6B

Harmonies

Analogous

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



594526



484B27



344F31

Triad

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



484B27



005063



663B4F

Complementary

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



484B27



2A274B

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.



58405F



484B27



224C6A

Square

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



484B27



005254



414669



6A3B3D

Rectangle

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



484B27



25513C



414669



633C55

Sweetspot

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



484B27



606153



4B2A27



303028



B0B0B0



303030

Same Dimension

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



484B27



5C6129



364B27



262622



5D6600



D2E600

Inverse Universe

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



2A274B



2D2961



3C274B



232226



090066



1300E6

Previews

White Background



This preview shows how the Hex color 484B27 looks on a white background.

Color Contrast Check

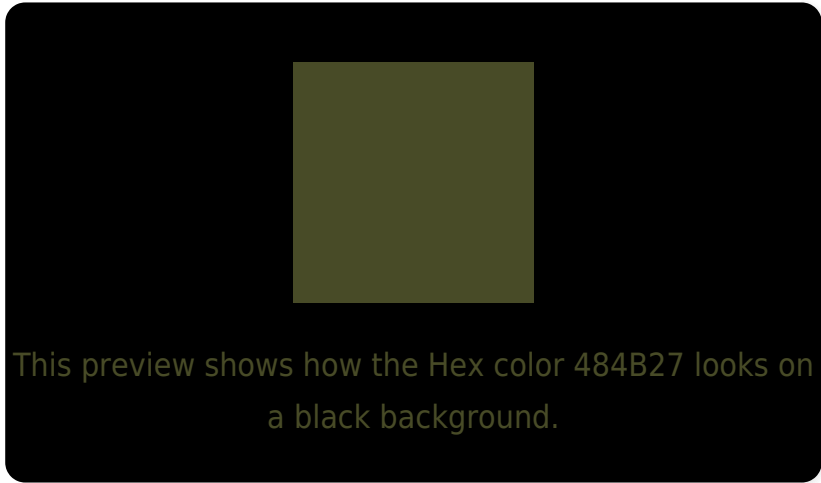
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

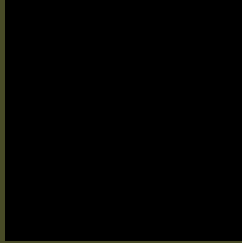
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

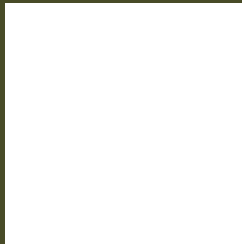
Any Text WCAG AAA × Fail

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

Hex 484B27 Background



This preview shows how black text looks on a background with the Hex color 484B27.

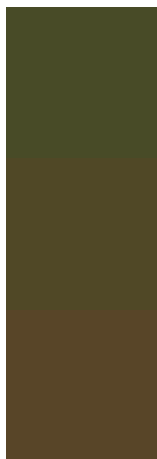


This preview shows how white text looks on a background with the Hex color 484B27.

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
484B27

Protanopia
504826

Deuteranopia
584528



Tritanopia
4C474C

Trichromacy



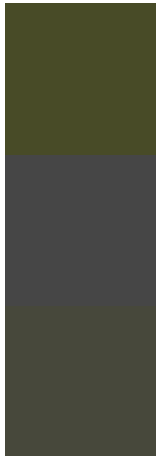
Original Color
484B27

Protanomaly
4D4926

Deuteranomaly
524728

Tritanomaly
4B483F

Monochromacy



Original Color
484B27

Achromatopsia
464646

Achromatomaly
47483B

CSS Examples

Text

The CSS property to change the color of the text to Hex 484B27 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 #484B27 looks like.

```
.text, #text, p{  
    color:#484B27  
}
```

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 #484B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484B27
}
```

Border

The CSS property to change the border of an element to Hex 484B27 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
#484B27 }
```

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

```
.border{ border-color:#484B27 }
```

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

Here you see how a box with a 4 pixel #484B27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484B27; -webkit-box-shadow:4px 4px  
4px 4px #484B27; box-shadow:4px 4px 4px  
4px #484B27 }
```

Background

The CSS property to change the background color of an element to Hex 484B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484B27 }
```

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

```
.background{ background-color:#484B27 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor