

# Converting Colors

Hex(484F31)

Have a look what the booklet for  
Hex(484F31) contains.

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# Color

**Hex(484F31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	484F31
RGB	72, 79, 49
RGB Percent	28%, 31%, 19%
CMY	0.7176, 0.6902, 0.8078
CMYK	0.09, 0.00, 0.38, 0.69
HSL	74°, 23%, 25%
HSV	74°, 38%, 31%
XYZ	6.0228, 7.1914, 3.9764
YIQ	73.4870, 5.4580, -10.8140

# Conversions

## Conversions Part 2

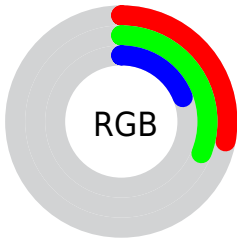
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 79, 56
Decimal	4738865
CIELab	32.24, -8.59, 16.82
CIELCh	32, 18.881, 117.053
Yxy	7.1914, 0.3504, 0.4183
Android (android.graphics.Color)	4282928945 (0xFF484F31)
YUV	73.4870, -12.0721, -1.3041
Hunter-Lab	26.8168, -6.8398, 9.9803

# Details

The Hex color **484F31** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **38314F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **798060**, and **1D2303** is the 20% darker color. If you saturate the color by 10%, you get **464F29**, and if you desaturate by 10%, it is **4A4F39**.

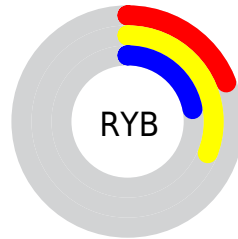
# Distribution



Red (28%)

Green (31%)

Blue (19%)



Red (19%)

Yellow (31%)

Blue (22%)

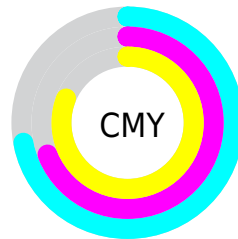


Cyan (9%)

Magenta (0%)

Yellow (38%)

Black (69%)



Cyan (72%)

Magenta (69%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 484F31 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 484F31 by changing the saturation by 10% instead.





484F31



484F31

FFFFFF



31381C



798060



1D2303



939A78



000E00



AEB592



000000



C9D0AD



E5EDC8



FFFFE4



484F31



484F31



464F29



4A4F39

■ 444F21

■ 4C4F41

■ 424F19

■ 4E4F49

■ 414F11

■ 4F4F51

■ 3F4F0A

■ 514F59

■ 3D4F02

■ 534F60

■ 3D4F00

■ 554F68

■ 574F70

■ 594F78

# Harmonies

## Analogous

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



574A2E



484F31



37523B

# Triad

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



484F31



1F5264



67414E

# Complementary

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



484F31



38314F

# 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.



5D435C



484F31



354E69

# Square

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



484F31



185459



4C4966



69413F

# Rectangle

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



484F31



2B5345



4C4966



654153



# Sweetspot

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



484F31



63665B



4F3831



31332C



B3B3B3



333333



# Same Dimension

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



484F31



5B6637



394F31



252622



4E6600



B0E600



# Inverse Universe

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



38314F



423766



47314F



232226



180066



3600E6



# Previews

## White Background



This preview shows how the Hex color 484F31 looks on a white background.

## Color Contrast Check

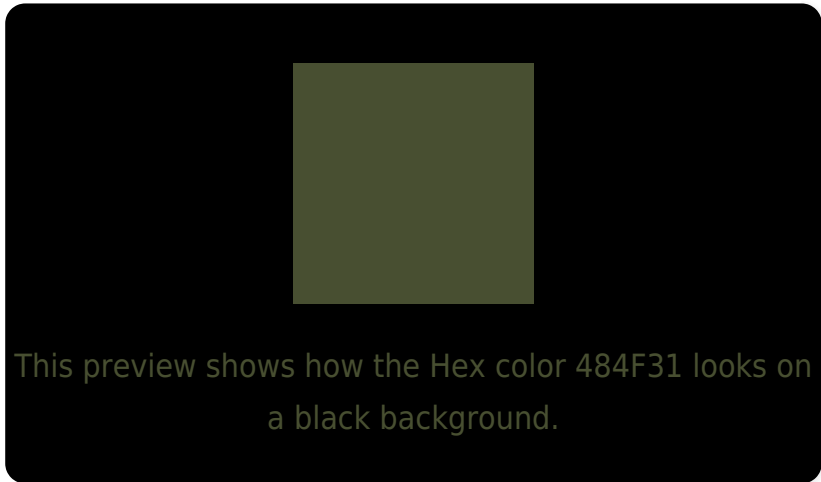
Large Text (above 18pt) WCAG AA ✓ Pass

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

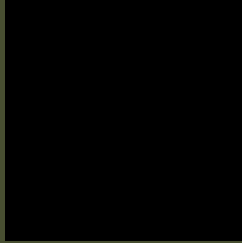
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

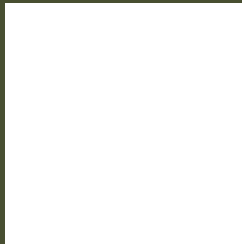
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 484F31 Background



This preview shows how black text looks on a background with the Hex color 484F31.



This preview shows how white text looks on a background with the Hex color 484F31.

# 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**  
484F31

**Protanopia**  
534C30

**Deuteranopia**  
5B4832



**Tritanopia**  
4C4B51

# Trichromacy



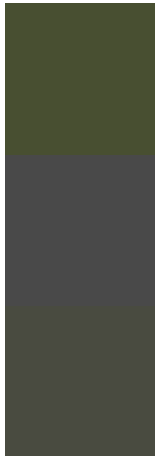
**Original Color**  
484F31

**Protanomaly**  
4F4D30

**Deuteranomaly**  
544B32

**Tritanomaly**  
4B4C45

# Monochromacy



**Original Color**  
484F31

**Achromatopsia**  
494949

**Achromatomaly**  
494B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 484F31 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 #484F31 looks like.

```
.text, #text, p{  
    color:#484F31  
}
```

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 #484F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484F31
}
```

## Border

The CSS property to change the border of an element to Hex 484F31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

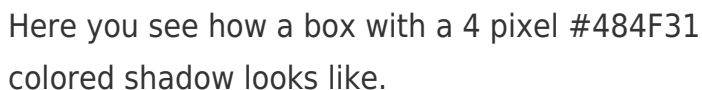
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#484F31 }
```

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

```
.border{ border-color:#484F31 }
```

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



Here you see how a box with a 4 pixel #484F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484F31; -webkit-box-shadow:4px 4px  
4px 4px #484F31; box-shadow:4px 4px 4px  
4px #484F31 }
```

# Background

The CSS property to change the background color of an element to Hex 484F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484F31 }
```

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

```
.background{ background-color:#484F31 }
```

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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