

Converting Colors

Hex(484847)

Have a look what the booklet for
Hex(484847) contains.

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Color

Hex(484847)

Conversions

Conversions Part 1

Format	Color
Hex	484847
RGB	72, 72, 71
RGB Percent	28%, 28%, 28%
CMY	0.7176, 0.7176, 0.7216
CMYK	0.00, 0.00, 0.01, 0.72
HSL	60°, 1%, 28%
HSV	60°, 1%, 28%
XYZ	6.1272, 6.4674, 6.8866
YIQ	71.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	71, 72, 71
Decimal	4737095
CIE Lab	30.56, -0.22, 0.59
CIE LCh	31, 0.633, 110.011
Yxy	6.4674, 0.3145, 0.3320
Android (android.graphics.Color)	4282927175 (0xFF484847)
YUV	71.8860, -0.4368, 0.1000
Hunter-Lab	25.4310, -1.4978, 1.7462

Details

The Hex color **484847** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **474748**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **787877**, and **1D1D1C** is the 20% darker color. If you saturate the color by 10%, you get **484840**, and if you desaturate by 10%, it is **48484E**.

Distribution



Red (28%)

Green (28%)

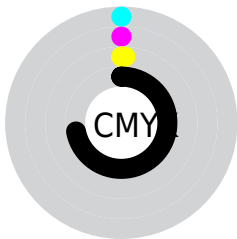
Blue (28%)



Red (28%)

Yellow (28%)

Blue (28%)



Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (72%)



Cyan (72%)

Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 484847 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 484847 by changing the saturation by 10% instead.



484847



484847

FFFFFF



323231



787877



1D1D1C



929291



020201



ADADAB



000000



C8C8C7



E4E4E3



484847



484847



484840



48484E



484839



484855

■ 484831

■ 48485D

■ 48482A

■ 484864

■ 484823

■ 48486B

■ 48481C

■ 484872

■ 484815

■ 484879

■ 48480D

■ 484881

■ 484806

■ 484888

Harmonies

Analogous

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



494847



484847



474847

Triad

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



484847



474849



494848

Complementary

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



484847



474748

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.



484849



484847



474849

Square

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



484847



474848



484849



494848

Rectangle

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



484847



474848



484849



494848

Sweetspot

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



484847



5E5E5E



484747



303030



B0B0B0

Same Dimension

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



484847



5E5E5C



242423



636300



E3E300

Inverse Universe

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



474748



5C5C5E



484748



232324



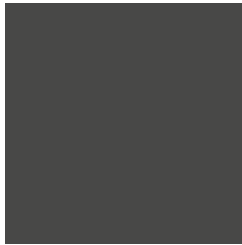
000063



0000E3

Previews

White Background



This preview shows how the Hex color 484847 looks on a white background.

Color Contrast Check

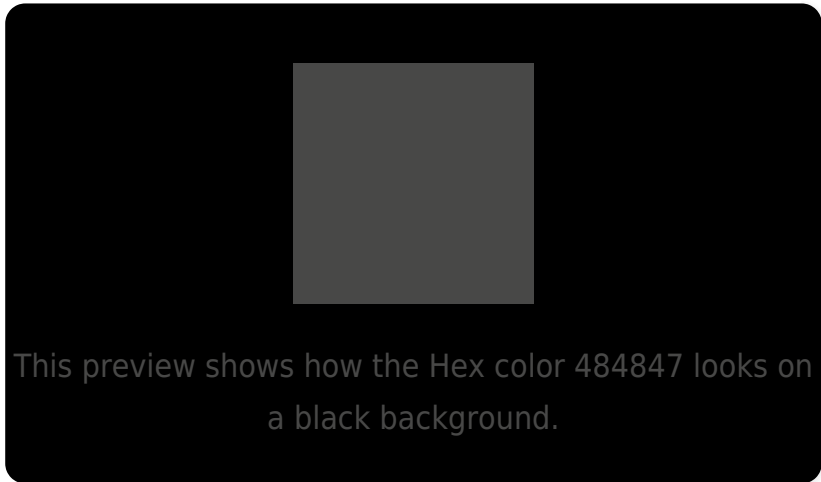
Large Text (above 18pt) WCAG AA ✓ Pass

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

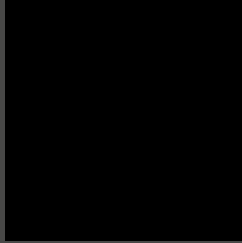
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

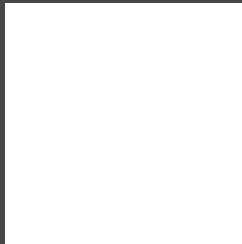
Any Text WCAG AAA × Fail

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

Hex 484847 Background



This preview shows how black text looks on a background with the Hex color 484847.

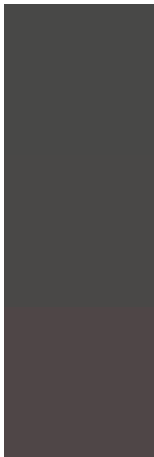


This preview shows how white text looks on a background with the Hex color 484847.

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
484847

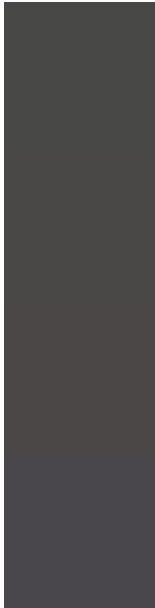
Protanopia
494847

Deuteranopia
4F4647



Tritanopia
49474D

Trichromacy



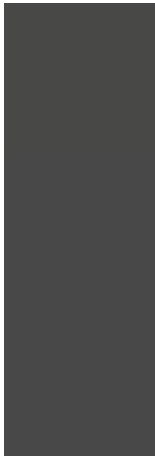
Original Color
484847

Protanomaly
494847

Deuteranomaly
4C4747

Tritanomaly
49474B

Monochromacy



Original Color
484847

Achromatopsia
484848

Achromatomaly
484848

CSS Examples

Text

The CSS property to change the color of the text to Hex 484847 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 #484847 looks like.

```
.text, #text, p{  
    color:#484847  
}
```

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 #484847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484847
}
```

Border

The CSS property to change the border of an element to Hex 484847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

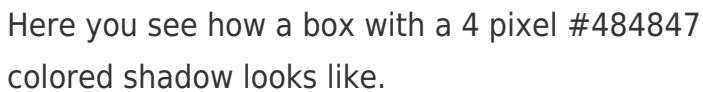
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#484847 }
```

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

```
.border{ border-color:#484847 }
```

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



Here you see how a box with a 4 pixel #484847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484847; -webkit-box-shadow:4px 4px  
4px 4px #484847; box-shadow:4px 4px 4px  
4px #484847 }
```

Background

The CSS property to change the background color of an element to Hex 484847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484847 }
```

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

```
.background{ background-color:#484847 }
```

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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