

Converting Colors

Hex(475849)

Have a look what the booklet for
Hex(475849) contains.

Hex(475849)	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(475849)

Conversions

Conversions Part 1

Format	Color
Hex	475849
RGB	71, 88, 73
RGB Percent	28%, 35%, 29%
CMY	0.7216, 0.6549, 0.7137
CMYK	0.19, 0.00, 0.17, 0.65
HSL	127°, 11%, 31%
HSV	127°, 19%, 35%
XYZ	7.2909, 8.8001, 7.6176
YIQ	81.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

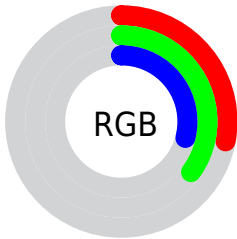
Format	Color
R_{YB}	71, 86, 88
Decimal	4675657
CIE _{Lab}	35.60, -9.95, 6.55
CIE _{LCh}	36, 11.913, 146.654
Yxy	8.8001, 0.3075, 0.3712
Android (android.graphics.Color)	4282865737 (0xFF475849)
YUV	81.2070, -4.0461, -8.9515
Hunter-Lab	29.6649, -8.0430, 5.5404

Details

The Hex color **475849** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **584756**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **788A7A**, and **1B2B1D** is the 20% darker color. If you saturate the color by 10%, you get **3E5841**, and if you desaturate by 10%, it is **505851**.

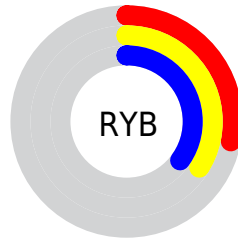
Distribution



Red (28%)

Green (35%)

Blue (29%)



Red (28%)

Yellow (34%)

Blue (35%)

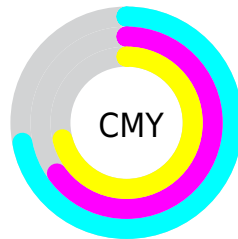


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475849 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 475849 by changing the saturation by 10% instead.

 475849

 475849

FFFFFF

 304132

 788A7A

 1B2B1D

 91A493

 021704

 ACBFAE

 000000

 C7DBC9

 E3F8E5

 475849

 475849

 3E5841

 505851

 355839

 595859

■ 2D5832

■ 615860

■ 24582A

■ 6A5868

■ 1B5822

■ 735870

■ 12581A

■ 7C5878

■ 095813

■ 85587F

■ 01580B

■ 8D5887

■ 00580A

■ 96588F

Harmonies

Analogous

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



525643



475849



3E5952

Triad

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



475849



475566



674D4C

Complementary

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



475849



584756

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.



664D55



475849



545265

Square

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



475849



3D5863



5F4F5E



645044

Rectangle

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



475849



3A5959



5F4F5E



684D4F

Sweetspot

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



475849



6C736D



565847



373B37



BABABA



3B3B3B

Same Dimension

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



475849



58735B



475851



272B28



006B0D



00EB1C

Inverse Universe

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



584756



735870



58474E



2B272B



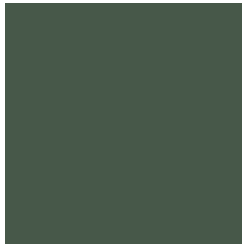
6B005F



EB00CF

Previews

White Background



This preview shows how the Hex color 475849 looks on a white background.

Color Contrast Check

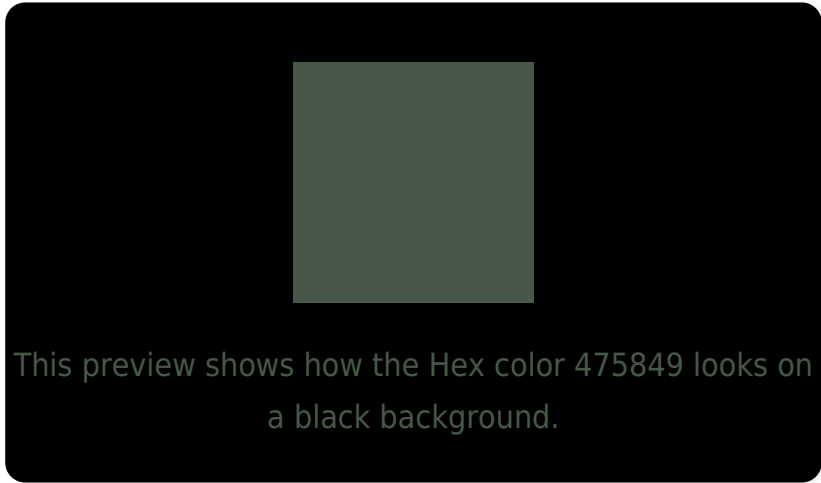
Large Text (above 18pt) WCAG AA ✓ Pass

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

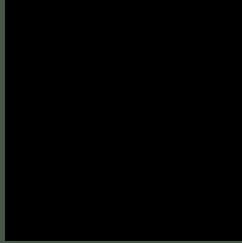
Any Text WCAG AA × Fail

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 475849 Background



This preview shows how black text looks on a background with the Hex color 475849.

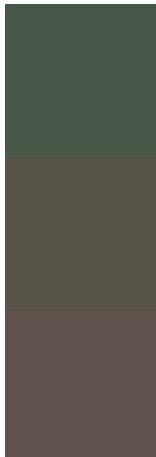


This preview shows how white text looks on a background with the Hex color 475849.

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
475849

Protanopia
585347

Deuteranopia
5F514B



Tritanopia
4A555C

Trichromacy



Original Color
475849

Protanomaly
525548

Deuteranomaly
56544A

Tritanomaly
495655

Monochromacy



Original Color
475849

Achromatopsia
515151

Achromatomaly
4D544E

CSS Examples

Text

The CSS property to change the color of the text to Hex 475849 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 #475849 looks like.

```
.text, #text, p{  
    color:#475849  
}
```

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 #475849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475849
}
```

Border

The CSS property to change the border of an element to Hex 475849 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".

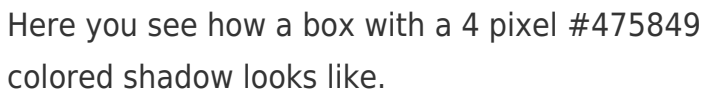
```
.border, #border, table{ border:4px solid
#475849 }
```

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

```
.border{ border-color:#475849 }
```

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

Here you see how a box with a 4 pixel #475849 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475849; -webkit-box-shadow:4px 4px  
4px 4px #475849; box-shadow:4px 4px 4px  
4px #475849 }
```

Background

The CSS property to change the background color of an element to Hex 475849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475849 }
```

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

```
.background{ background-color:#475849 }
```

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