

Converting Colors

Hex(475846)

Have a look what the booklet for
Hex(475846) contains.

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Color

Hex(475846)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 475846 |
| RGB | 71, 88, 70 |
| RGB Percent | 28%, 35%, 27% |
| CMY | 0.7216, 0.6549, 0.7255 |
| CMYK | 0.19, 0.00, 0.20, 0.65 |
| HSL | 117°, 11%, 31% |
| HSV | 117°, 20%, 35% |
| XYZ | 7.1937, 8.7612, 7.1063 |
| YIQ | 80.8650, -4.3540, -9.2020 |

Conversions

Conversions Part 2

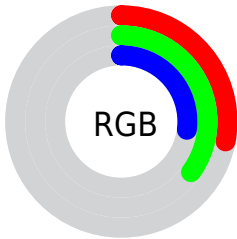
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 70, 88, 87 |
| Decimal | 4675654 |
| CIE Lab | 35.52, -10.57, 8.30 |
| CIE LCh | 36, 13.443, 141.849 |
| Yxy | 8.7612, 0.3119, 0.3799 |
| Android (android.graphics.Color) | 4282865734 (0xFF475846) |
| YUV | 80.8650, -5.3564, -8.6516 |
| Hunter-Lab | 29.5994, -8.4168, 6.4851 |

Details

The Hex color **475846** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **574658**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **788A76**, and **1B2B1B** is the 20% darker color. If you saturate the color by 10%, you get **3F583D**, and if you desaturate by 10%, it is **4F584F**.

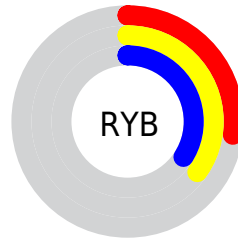
Distribution



Red (28%)

Green (35%)

Blue (27%)



Red (27%)

Yellow (35%)

Blue (34%)

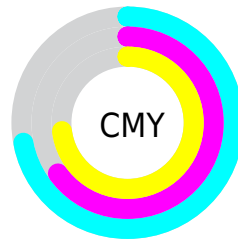


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475846 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 475846 by changing the saturation by 10% instead.



475846



475846

FFFFFF



304130



788A76



1B2B1B



91A490



021700



ACBFAA



000000



C7DBC6



E3F8E2

FFFFFFE



475846



475846



3F583D



4F584F

■ 365834

■ 585858

■ 2E582C

■ 605860

■ 265823

■ 685869

■ 1D581A

■ 715872

■ 155811

■ 79587B

■ 0D5808

■ 815884

■ 055800

■ 89588C

■ 925895

Harmonies

Analogous

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



535540



475846



3C5950

Triad

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



475846



435569



6A4C4C

Complementary

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



475846



574658

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.



674C57



475846



515267

Square

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



475846



385864



5F4E61



664E43

Rectangle

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



475846



375A58



5F4E61



6A4C50

Sweetspot

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



475846



6C736C



585746



373B37



BABABA



3B3B3B

Same Dimension

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



475846



587356



46584E



272B27



066B00



0DEB00

Inverse Universe

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



574658



715673



584650



2B272B



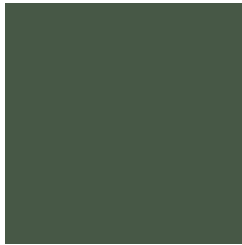
65006B



DE00EB

Previews

White Background



This preview shows how the Hex color 475846 looks on a white background.

Color Contrast Check

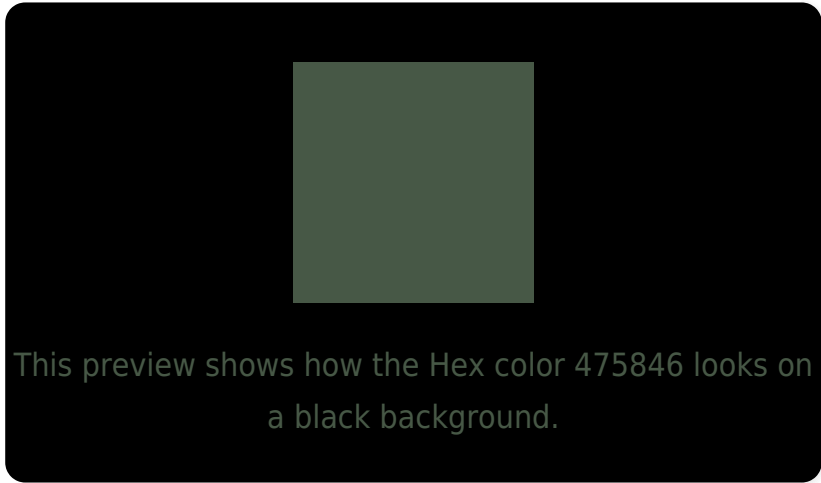
Large Text (above 18pt) WCAG AA ✓ Pass

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

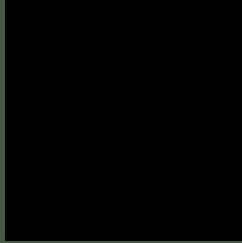
Any Text WCAG AA × Fail

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 475846 Background



This preview shows how black text looks on a background with the Hex color 475846.



This preview shows how white text looks on a background with the Hex color 475846.

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
475846

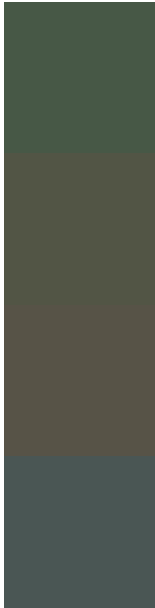
Protanopia
585344

Deuteranopia
605048



Tritanopia
4B555C

Trichromacy



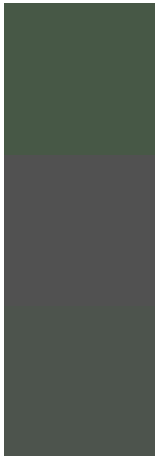
Original Color
475846

Protanomaly
525545

Deuteranomaly
575347

Tritanomaly
4A5654

Monochromacy



Original Color
475846

Achromatopsia
515151

Achromatomaly
4D544D

CSS Examples

Text

The CSS property to change the color of the text to Hex 475846 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 #475846 looks like.

```
.text, #text, p{  
    color:#475846  
}
```

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 #475846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475846
}
```

Border

The CSS property to change the border of an element to Hex 475846 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
#475846 }
```

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

```
.border{ border-color:#475846 }
```

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

Here you see how a box with a 4 pixel #475846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475846; -webkit-box-shadow:4px 4px  
4px 4px #475846; box-shadow:4px 4px 4px  
4px #475846 }
```

Background

The CSS property to change the background color of an element to Hex 475846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475846 }
```

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

```
.background{ background-color:#475846 }
```

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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