

Converting Colors

Hex(475D4D)

Have a look what the booklet for
Hex(475D4D) contains.

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Color

Hex(475D4D)

Conversions

Conversions Part 1

Format	Color
Hex	475D4D
RGB	71, 93, 77
RGB Percent	28%, 36%, 30%
CMY	0.7216, 0.6353, 0.6980
CMYK	0.24, 0.00, 0.17, 0.64
HSL	136°, 13%, 32%
HSV	136°, 24%, 36%
XYZ	7.8524, 9.7041, 8.4804
YIQ	84.5980, -7.9760, -9.6400

Conversions

Conversions Part 2

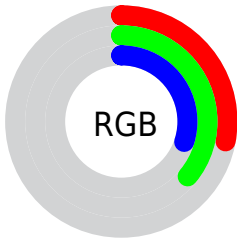
Format	Color
RYB	71, 88, 93
Decimal	4676941
CIELab	37.31, -12.00, 6.50
CIElCh	37, 13.646, 151.574
Yxy	9.7041, 0.3016, 0.3727
Android (android.graphics.Color)	4282867021 (0xFF475D4D)
YUV	84.5980, -3.7458, -11.9254
Hunter-Lab	31.1514, -9.5199, 5.6654

Details

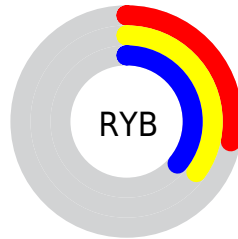
The Hex color **475D4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D4757**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **788F7E**, and **1B2F21** is the 20% darker color. If you saturate the color by 10%, you get **3E5D46**, and if you desaturate by 10%, it is **505D54**.

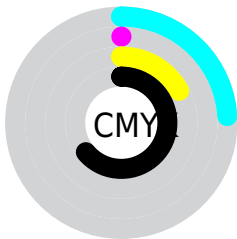
Distribution



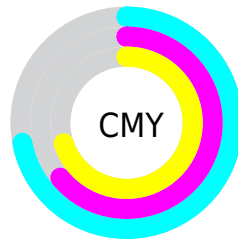
- Red (28%)
- Green (36%)
- Blue (30%)



- Red (28%)
- Yellow (35%)
- Blue (36%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (64%)



- Cyan (72%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475D4D 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 475D4D by changing the saturation by 10% instead.

■ 475D4D

■ 475D4D

FFFFFF

■ 304536

■ 788F7E

■ 1B2F21

■ 92AA98

■ 031B0A

■ ACC5B3

■ 000000

■ C8E1CE

■ E4FEEA

■ 475D4D

■ 475D4D

■ 3E5D46

■ 505D54

■ 345D3F

■ 5A5D5B

■ 2B5D39

■ 635D61

■ 225D32

■ 6C5D68

■ 185D2B

■ 765D6F

■ 0F5D24

■ 7F5D76

■ 065D1E

■ 885D7C

■ 005D19

■ 915D83

■ 9B5D8A

Harmonies

Analogous

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



545B45



475D4D



3D5E58

Triad

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



475D4D



4C596E



6E514D

Complementary

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



475D4D



5D4757

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.



6D5058



475D4D



5A556A

Square

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



475D4D



3F5C6B



675162



695445

Rectangle

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



475D4D



395E5F



675162



6F5050

Sweetspot

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



475D4D



6F7872



575D47



383D3A



BDBDBD



3D3D3D

Same Dimension

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



475D4D



56785F



475D58



292E2B



006E1E



00ED41

Inverse Universe

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



5D4757



78566F



5D474C



2E292D



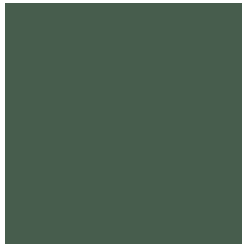
6E0050



ED00AC

Previews

White Background



This preview shows how the Hex color 475D4D looks on a white background.

Color Contrast Check

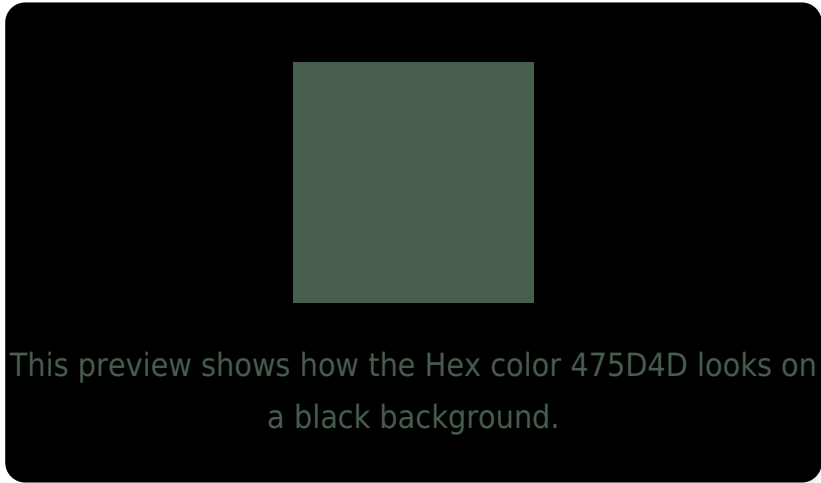
Large Text (above 18pt) WCAG AA ✓ Pass

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

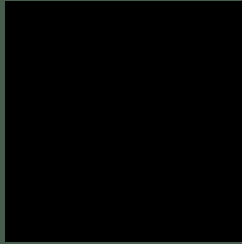
Any Text WCAG AA × Fail

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 475D4D Background



This preview shows how black text looks on a background with the Hex color 475D4D.



This preview shows how white text looks on a background with the Hex color 475D4D.

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](#).

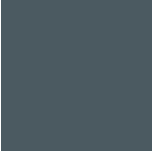
Dichromacy



Original Color
475D4D

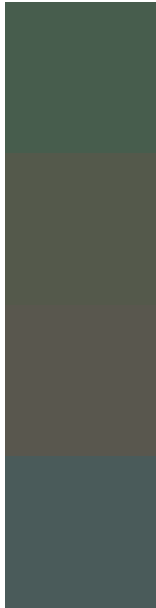
Protanopia
5C574A

Deuteranopia
63544F



Tritanopia
4B5A61

Trichromacy



Original Color
475D4D

Protanomaly
54594B

Deuteranomaly
59574E

Tritanomaly
4A5B5A

Monochromacy



Original Color
475D4D

Achromatopsia
555555

Achromatomaly
505852

CSS Examples

Text

The CSS property to change the color of the text to Hex 475D4D 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 #475D4D looks like.

```
.text, #text, p{  
    color:#475D4D  
}
```

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 #475D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475D4D
}
```

Border

The CSS property to change the border of an element to Hex 475D4D 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".

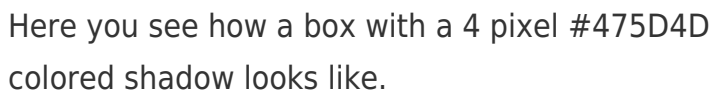
```
.border, #border, table{ border:4px solid
#475D4D }
```

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

```
.border{ border-color:#475D4D }
```

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

Here you see how a box with a 4 pixel #475D4D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475D4D; -webkit-box-shadow:4px 4px  
4px 4px #475D4D; box-shadow:4px 4px 4px  
4px #475D4D }
```

Background

The CSS property to change the background color of an element to Hex 475D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475D4D }
```

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

```
.background{ background-color:#475D4D }
```

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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