

Converting Colors

Hex(4D613D)

Have a look what the booklet for
Hex(4D613D) contains.

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Color

Hex(4D613D)

Conversions

Conversions Part 1

Format	Color
Hex	4D613D
RGB	77, 97, 61
RGB Percent	30%, 38%, 24%
CMY	0.6980, 0.6196, 0.7608
CMYK	0.21, 0.00, 0.37, 0.62
HSL	93°, 23%, 31%
HSV	93°, 37%, 38%
XYZ	8.1776, 10.4641, 6.0036
YIQ	86.9160, -0.3640, -15.4360

Conversions

Conversions Part 2

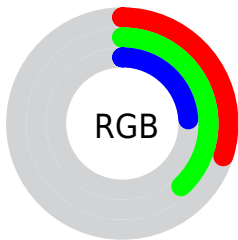
Format	Color
RYB	61, 97, 81
Decimal	5071165
CIELab	38.66, -14.88, 18.12
CIElCh	39, 23.452, 129.394
Yxy	10.4641, 0.3318, 0.4246
Android (android.graphics.Color)	4283261245 (0xFF4D613D)
YUV	86.9160, -12.7766, -8.6963
Hunter-Lab	32.3482, -11.4850, 11.6399

Details

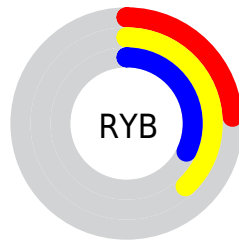
The Hex color **4D613D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **513D61**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7F946D**, and **203312** is the 20% darker color. If you saturate the color by 10%, you get **486133**, and if you desaturate by 10%, it is **526147**.

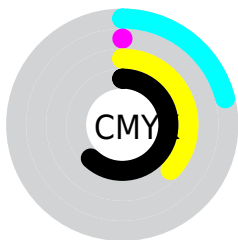
Distribution



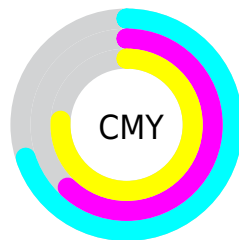
- Red (30%)
- Green (38%)
- Blue (24%)



- Red (24%)
- Yellow (38%)
- Blue (32%)



- Cyan (21%)
- Magenta (0%)
- Yellow (37%)
- Black (62%)



- Cyan (70%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D613D 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 4D613D by changing the saturation by 10% instead.

■ 4D613D

■ 4D613D

FFFFFF

■ 364927

■ 7F946D

■ 203312

■ 99AE86

■ 0A1E00

■ B4CAA1

■ 000000

■ CFE6BC

■ ECFFD7

■ FFFFF4

■ 4D613D

■ 4D613D

■ 486133

■ 526147

■ 42612A

■ 586150

■ 3D6120

■ 5D615A

■ 376116

■ 636164

■ 32610C

■ 68616E

■ 2D6103

■ 6D6177

■ 2B6100

■ 736181

■ 78618B

■ 7E6194

Harmonies

Analogous

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



625C35



4D613D



36644D

Triad

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



4D613D



29617E



804C56

Complementary

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



4D613D



513D61

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.



784E69



4D613D



4A5B80

Square

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



4D613D



0E6473



655478



7E4F44

Rectangle

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



4D613D



25655A



655478



7E4C5C

Sweetspot

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



4D613D



757D6F



61513D



3B4037



BFBFBF



404040

Same Dimension

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



4D613D



5E7D45



3D613F



2E302C



327000



6BF000

Inverse Universe

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



513D61



64457D



613D5F



2E2C30



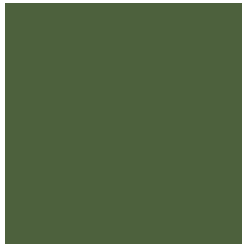
3E0070



8500F0

Previews

White Background



This preview shows how the Hex color 4D613D looks on a white background.

Color Contrast Check

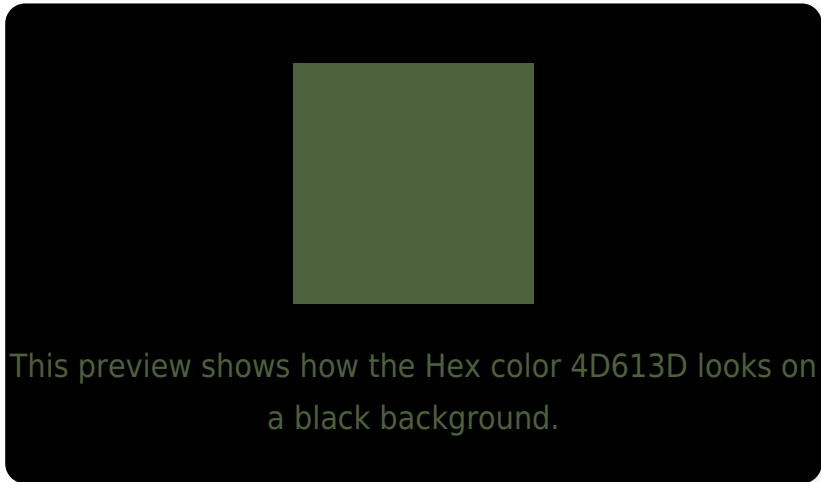
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

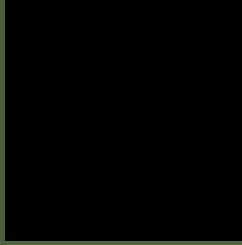
Any Text WCAG AA × Fail

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 4D613D Background



This preview shows how black text looks on a background with the Hex color 4D613D.



This preview shows how white text looks on a background with the Hex color 4D613D.

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](#).

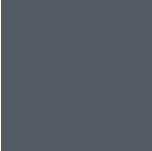
Dichromacy



Original Color
4D613D

Protanopia
635B3B

Deuteranopia
6C573F



Tritanopia
535C64

Trichromacy



Original Color
4D613D

Protanomaly
5B5D3C

Deuteranomaly
615B3E

Tritanomaly
515E56

Monochromacy



Original Color
4D613D

Achromatopsia
575757

Achromatomaly
535B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D613D 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 #4D613D looks like.

```
.text, #text, p{  
    color:#4D613D  
}
```

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 #4D613D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D613D
}
```

Border

The CSS property to change the border of an element to Hex 4D613D 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
#4D613D }
```

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

```
.border{ border-color:#4D613D }
```

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

Here you see how a box with a 4 pixel #4D613D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D613D; -webkit-box-shadow:4px 4px  
4px 4px #4D613D; box-shadow:4px 4px 4px  
4px #4D613D }
```

Background

The CSS property to change the background color of an element to Hex 4D613D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D613D }
```

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

```
.background{ background-color:#4D613D }
```

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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