

Converting Colors

Hex(4B413F)

Have a look what the booklet for
Hex(4B413F) contains.

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Color

Hex(4B413F)

Conversions

Conversions Part 1

Format	Color
Hex	4B413F
RGB	75, 65, 63
RGB Percent	29%, 25%, 25%
CMY	0.7059, 0.7451, 0.7529
CMYK	0.00, 0.13, 0.16, 0.71
HSL	10°, 9%, 27%
HSV	10°, 16%, 29%
XYZ	5.6892, 5.6353, 5.4905
YIQ	67.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

Format	Color
R_YB	75, 65, 63
Decimal	4931903
CIE Lab	28.47, 3.89, 2.79
CIE LCh	28, 4.788, 35.620
Yxy	5.6353, 0.3383, 0.3351
Android (android.graphics.Color)	4283121983 (0xFF4B413F)
YUV	67.7620, -2.3477, 6.3477
Hunter-Lab	23.7389, 1.2356, 2.9042

Details

The Hex color **4B413F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F494B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7C716F**, and **1F1715** is the 20% darker color. If you saturate the color by 10%, you get **4B3B38**, and if you desaturate by 10%, it is **4B4747**.

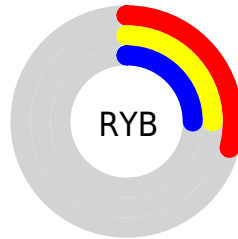
Distribution



Red (29%)

Green (25%)

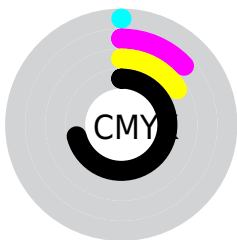
Blue (25%)



Red (29%)

Yellow (25%)

Blue (25%)

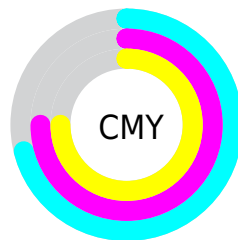


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (71%)



Cyan (71%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B413F 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 4B413F by changing the saturation by 10% instead.

■ 4B413F

FFFFFF

■ 7C716F

■ 968A88

■ B0A4A2

■ CCC0BD

■ E8DBD9

■ FFF8F5

■ 4B413F

■ 342B29

■ 1F1715

■ 000000

■ 4B413F

■ 4B3B38

■ 4B413F

■ 4B4747

■ 4B3430

■ 4B4E4E

■ 4B2E29

■ 4B5456

■ 4B2821

■ 4B5A5D

■ 4B2219

■ 4B6065

■ 4B1B12

■ 4B676C

■ 4B150B

■ 4B6D74

■ 4B0F03

■ 4B737B

■ 4B0C00

■ 4B7983

Harmonies

Analogous

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



4B4143



4B413F



49423D

Triad

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



4B413F



3D4540



40434A

Complementary

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



4B413F



3F494B

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.



3C444A



4B413F



3B4544

Square

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



4B413F



41443D



3A4547



454249

Rectangle

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



4B413F



47433C



3A4547



3F444A

Sweetspot

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



4B413F



615D5C



4B3F49



302E2E



B0B0B0



303030

Same Dimension

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



4B413F



61524E



4B473F



262322



661100



E62600

Inverse Universe

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



3F494B



4E5E61



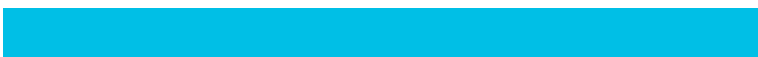
3F434B



222626



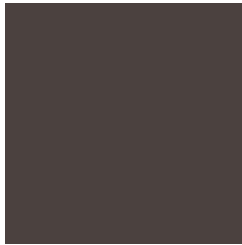
005566



00BFE6

Previews

White Background



This preview shows how the Hex color 4B413F looks on a white background.

Color Contrast Check

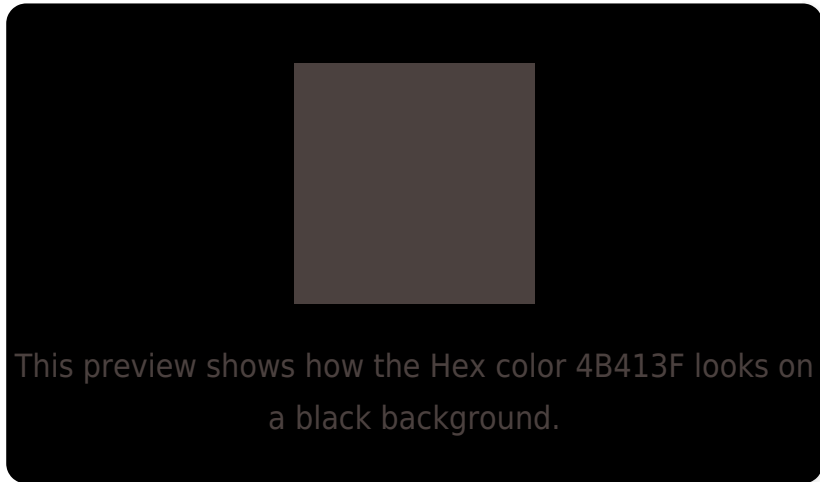
Large Text (above 18pt) WCAG AA ✓ Pass

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

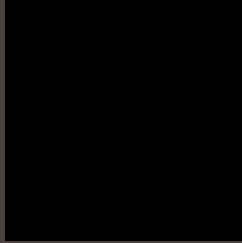
Any Text WCAG AA × Fail

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 4B413F Background



This preview shows how black text looks on a background with the Hex color 4B413F.

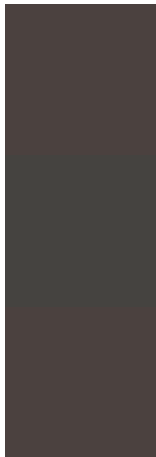


This preview shows how white text looks on a background with the Hex color 4B413F.

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
4B413F

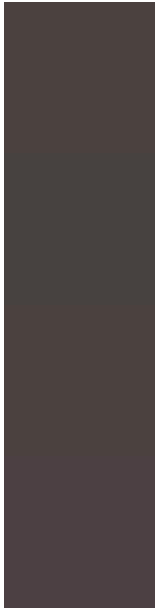
Protanopia
454340

Deuteranopia
4B413F



Tritanopia
4C4045

Trichromacy



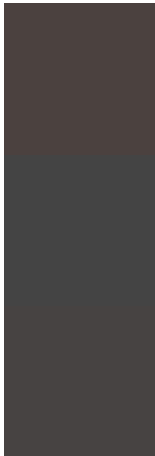
Original Color
4B413F

Protanomaly
474240

Deuteranomaly
4B413F

Tritanomaly
4C4043

Monochromacy



Original Color
4B413F

Achromatopsia
444444

Achromatomaly
474342

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B413F 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 #4B413F looks like.

```
.text, #text, p{  
    color:#4B413F  
}
```

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 #4B413F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B413F
}
```

Border

The CSS property to change the border of an element to Hex 4B413F is called "border". The border property can be set on classes, ids or directly on the HTML element.

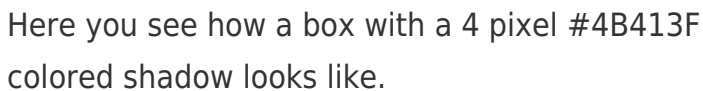
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B413F }
```

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

```
.border{ border-color:#4B413F }
```

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



Here you see how a box with a 4 pixel #4B413F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B413F; -webkit-box-shadow:4px 4px  
4px 4px #4B413F; box-shadow:4px 4px 4px  
4px #4B413F }
```

Background

The CSS property to change the background color of an element to Hex 4B413F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B413F }
```

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

```
.background{ background-color:#4B413F }
```

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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