

Converting Colors

Hex(46473F)

Have a look what the booklet for
Hex(46473F) contains.

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Color

Hex(46473F)

Conversions

Conversions Part 1

Format	Color
Hex	46473F
RGB	70, 71, 63
RGB Percent	27%, 28%, 25%
CMY	0.7255, 0.7216, 0.7529
CMYK	0.01, 0.00, 0.11, 0.72
HSL	67°, 6%, 26%
HSV	67°, 11%, 28%
XYZ	5.6762, 6.1674, 5.5939
YIQ	69.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

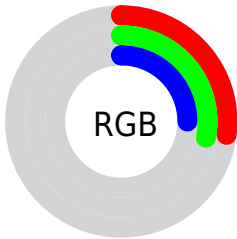
Format	Color
RYB	63, 71, 64
Decimal	4605759
CIELab	29.83, -2.11, 4.67
CIELCh	30, 5.123, 114.309
Yxy	6.1674, 0.3255, 0.3537
Android (android.graphics.Color)	4282795839 (0xFF46473F)
YUV	69.7890, -3.3470, 0.1850
Hunter-Lab	24.8343, -2.6615, 4.0291

Details

The Hex color **46473F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403F47**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **76776F**, and **1B1C15** is the 20% darker color. If you saturate the color by 10%, you get **454738**, and if you desaturate by 10%, it is **474746**.

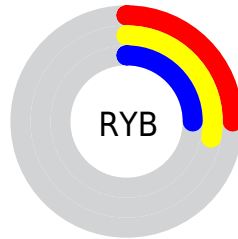
Distribution



Red (27%)

Green (28%)

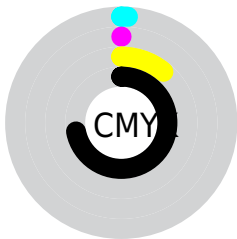
Blue (25%)



Red (25%)

Yellow (28%)

Blue (25%)

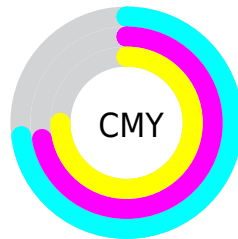


Cyan (1%)

Magenta (0%)

Yellow (11%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46473F 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 46473F by changing the saturation by 10% instead.

■ 46473F

■ 46473F

FFFFFF

■ 303129

■ 76776F

■ 1B1C15

■ 909188

■ 000000

■ AAABA2

■ C6C7BD

■ E2E3D9

■ FEFFF5

■ 46473F

■ 46473F

■ 454738

■ 474746

■ 444731

■ 48474D

■ 43472A

■ 494754

■ 424723

■ 4A475B

■ 42471C

■ 4A4763

■ 414714

■ 4B476A

■ 40470D

■ 4C4771

■ 3F4706

■ 4D4778

■ 3E4700

■ 4E477F

Harmonies

Analogous

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



4A463E



46473F



414842

Triad

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



46473F



3E484D



4E4447

Complementary

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



46473F



403F47

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.



4B444B



46473F



41474E

Square

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



46473F



3C4949



46454D



4F4443

Rectangle

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



46473F



3F4844



46454D



4D4449

Sweetspot

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



46473F



5B5C59



47403F



2E2E2C



ADADAD



2E2E2E

Same Dimension

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



46473F



5A5C4F



42473F



232420



576300



C7E300

Inverse Universe

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



403F47



514F5C



443F47



212024



0C0063



1C00E3

Previews

White Background



This preview shows how the Hex color 46473F looks on a white background.

Color Contrast Check

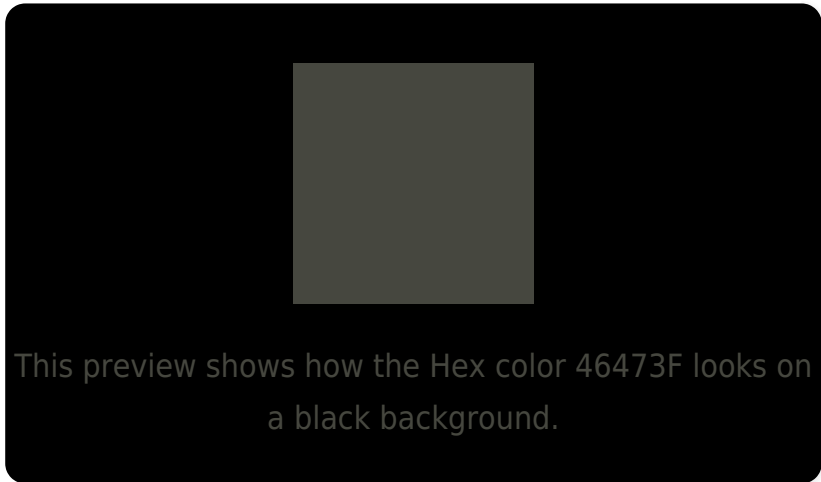
Large Text (above 18pt) WCAG AA ✓ Pass

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

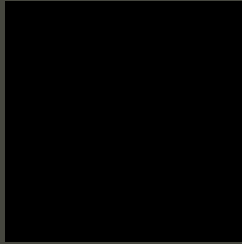
Any Text WCAG AA × Fail

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 46473F Background



This preview shows how black text looks on a background with the Hex color 46473F.



This preview shows how white text looks on a background with the Hex color 46473F.

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

46473F

Protanopia

49463E

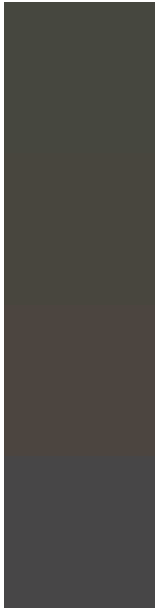
Deuteranopia

4F4440



Tritanopia
48454B

Trichromacy



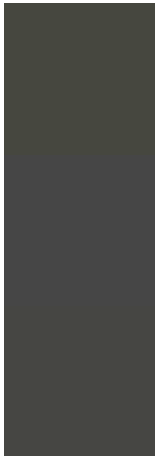
Original Color
46473F

Protanomaly
48463E

Deuteranomaly
4C4540

Tritanomaly
474647

Monochromacy



Original Color
46473F

Achromatopsia
464646

Achromatomaly
464643

CSS Examples

Text

The CSS property to change the color of the text to Hex 46473F 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 #46473F looks like.

```
.text, #text, p{  
    color:#46473F  
}
```

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 #46473F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46473F
}
```

Border

The CSS property to change the border of an element to Hex 46473F is called "border". The border property can be set on classes, ids or directly on the HTML element.

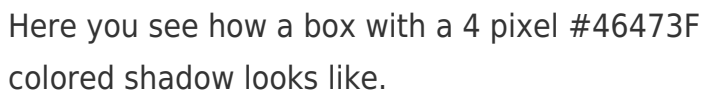
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46473F }
```

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

```
.border{ border-color:#46473F }
```

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



Here you see how a box with a 4 pixel #46473F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46473F; -webkit-box-shadow:4px 4px  
4px 4px #46473F; box-shadow:4px 4px 4px  
4px #46473F }
```

Background

The CSS property to change the background color of an element to Hex 46473F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46473F }
```

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

```
.background{ background-color:#46473F }
```

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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