

Converting Colors

Hex(46493F)

Have a look what the booklet for
Hex(46493F) contains.

Hex(46493F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46493F)

Conversions

Conversions Part 1

Format	Color
Hex	46493F
RGB	70, 73, 63
RGB Percent	27%, 29%, 25%
CMY	0.7255, 0.7137, 0.7529
CMYK	0.04, 0.00, 0.14, 0.71
HSL	78°, 7%, 27%
HSV	78°, 14%, 29%
XYZ	5.8055, 6.4261, 5.6370
YIQ	70.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

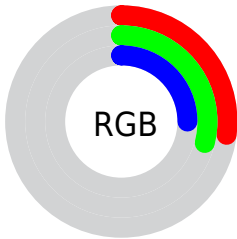
Format	Color
RYB	63, 73, 66
Decimal	4606271
CIELab	30.46, -3.36, 5.57
CIELCh	30, 6.503, 121.106
Yxy	6.4261, 0.3249, 0.3596
Android (android.graphics.Color)	4282796351 (0xFF46493F)
YUV	70.9630, -3.9258, -0.8446
Hunter-Lab	25.3497, -3.4822, 4.5605

Details

The Hex color **46493F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **423F49**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **767A6F**, and **1B1E15** is the 20% darker color. If you saturate the color by 10%, you get **444938**, and if you desaturate by 10%, it is **484946**.

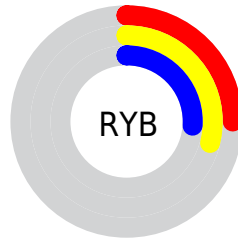
Distribution



Red (27%)

Green (29%)

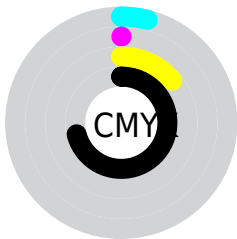
Blue (25%)



Red (25%)

Yellow (29%)

Blue (26%)

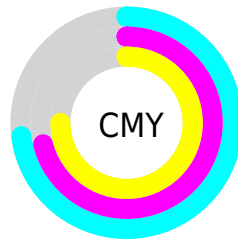


Cyan (4%)

Magenta (0%)

Yellow (14%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46493F 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 46493F by changing the saturation by 10% instead.



46493F



46493F

FFFFFF



303329



767A6F



1B1E15



909388



000300



AAAEA2



000000



C6C9BD



E2E5D9



FEFFF5



46493F



46493F



444938



484946

■ 424930

■ 4A494E

■ 3F4929

■ 4D4955

■ 3D4922

■ 4F495C

■ 3B491A

■ 514964

■ 394913

■ 53496B

■ 37490C

■ 554972

■ 344905

■ 584979

■ 334900

■ 5A4981

Harmonies

Analogous

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



4C473E



46493F



404A43

Triad

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



46493F



3D4A50



524448

Complementary

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



46493F



423F49

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.



4F454D



46493F



434852

Square

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



46493F



3B4B4D



494650



534543

Rectangle

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



46493F



3D4B46



494650



514449

Sweetspot

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



46493F



5D5E5B



49423F



30302E



B0B0B0



303030

Same Dimension

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



46493F



5A5E4F



41493F



232420



466300



9FE300

Inverse Universe

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



423F49



544F5E



473F49



212024



1E0063



4400E3

Previews

White Background



This preview shows how the Hex color 46493F looks on a white background.

Color Contrast Check

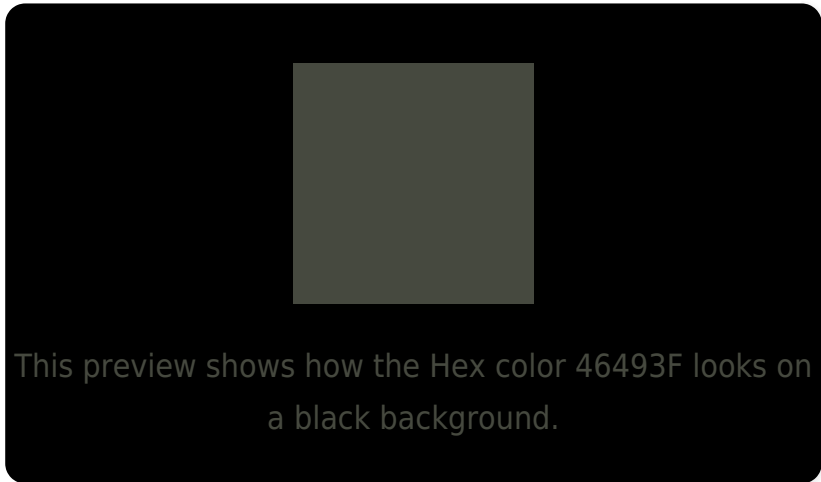
Large Text (above 18pt) WCAG AA ✓ Pass

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

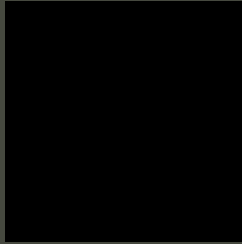
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

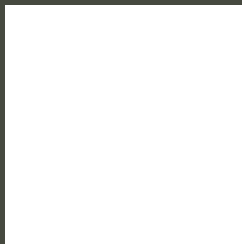
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 46493F Background



This preview shows how black text looks on a background with the Hex color 46493F.

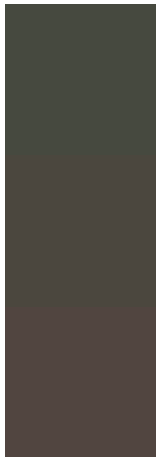


This preview shows how white text looks on a background with the Hex color 46493F.

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
46493F

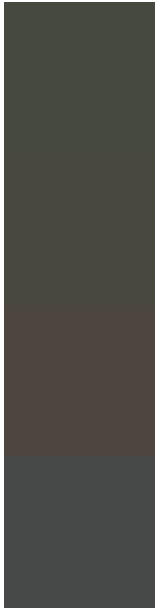
Protanopia
4B473E

Deuteranopia
514540



Tritanopia
48474D

Trichromacy



Original Color

46493F

Protanomaly

49483E

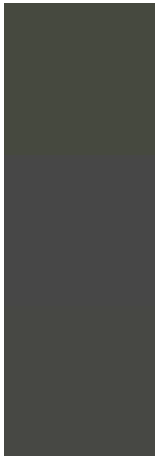
Deuteranomaly

4D4640

Tritanomaly

474848

Monochromacy



Original Color

46493F

Achromatopsia

474747

Achromatomaly

474844

CSS Examples

Text

The CSS property to change the color of the text to Hex 46493F 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 #46493F looks like.

```
.text, #text, p{  
    color:#46493F  
}
```

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 #46493F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46493F
}
```

Border

The CSS property to change the border of an element to Hex 46493F is called "border". The border property can be set on classes, ids or directly on the HTML element.

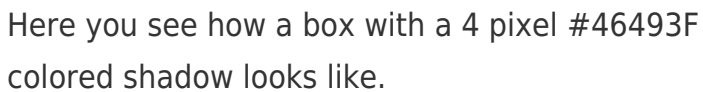
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46493F }
```

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

```
.border{ border-color:#46493F }
```

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



Here you see how a box with a 4 pixel #46493F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46493F; -webkit-box-shadow:4px 4px  
4px 4px #46493F; box-shadow:4px 4px 4px  
4px #46493F }
```

Background

The CSS property to change the background color of an element to Hex 46493F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46493F }
```

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

```
.background{ background-color:#46493F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor