

Converting Colors

Hex(3B473F)

Have a look what the booklet for
Hex(3B473F) contains.

Hex(3B473F)	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(3B473F)

Conversions

Conversions Part 1

Format	Color
Hex	3B473F
RGB	59, 71, 63
RGB Percent	23%, 28%, 25%
CMY	0.7686, 0.7216, 0.7529
CMYK	0.17, 0.00, 0.11, 0.72
HSL	140°, 9%, 25%
HSV	140°, 17%, 28%
XYZ	4.9541, 5.7952, 5.5601
YIQ	66.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

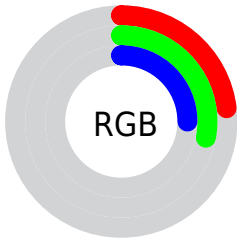
Format	Color
R_{YB}	59, 68, 71
Decimal	3884863
CIE Lab	28.89, -6.72, 3.20
CIE LCh	29, 7.440, 154.559
Yxy	5.7952, 0.3038, 0.3553
Android (android.graphics.Color)	4282074943 (0xFF3B473F)
YUV	66.5000, -1.7255, -6.5775
Hunter-Lab	24.0731, -5.3940, 3.1572

Details

The Hex color **3B473F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **473B43**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6A776F**, and **111C15** is the 20% darker color. If you saturate the color by 10%, you get **34473A**, and if you desaturate by 10%, it is **424744**.

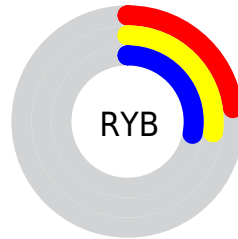
Distribution



Red (23%)

Green (28%)

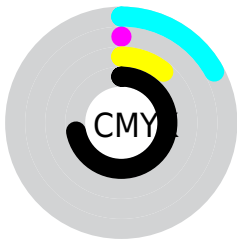
Blue (25%)



Red (23%)

Yellow (27%)

Blue (28%)

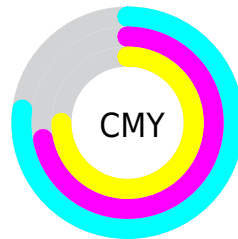


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B473F 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 3B473F by changing the saturation by 10% instead.



3B473F



3B473F

FFFFFF



253129



6A776F



111C15



849188



000000



9EACA2



B9C7BD



D4E3D9



F1FFF5



3B473F



3B473F



34473A



424744

■ 2D4736

■ 494748

■ 264731

■ 50474D

■ 1F472C

■ 574752

■ 184727

■ 5F4757

■ 104723

■ 66475B

■ 09471E

■ 6D4760

■ 024719

■ 744765

■ 004718

■ 7B476A

Harmonies

Analogous

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



41463B



3B473F



364845

Triad

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



3B473F



3F444F



50413E

Complementary

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



3B473F



473B43

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.



504043



3B473F



46424E

Square

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



3B473F



39464E



4C4149



4D423A

Rectangle

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



3B473F



354749



4C4149



504040

Sweetspot

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



3B473F



575C59



43473B



2B2E2C



ADADAD



2E2E2E

Same Dimension

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



3B473F



495C50



3B4745



202421



006321



00E34C

Inverse Universe

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



473B43



5C4956



473B3D



242023



630042



E30097

Previews

White Background



This preview shows how the Hex color 3B473F looks on a white background.

Color Contrast Check

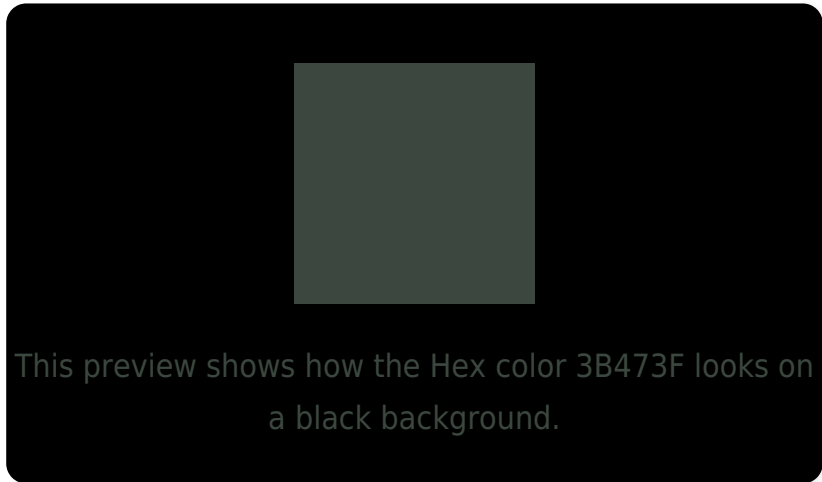
Large Text (above 18pt) WCAG AA ✓ Pass

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

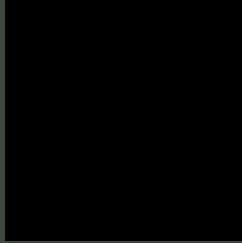
Any Text WCAG AA × Fail

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 3B473F Background



This preview shows how black text looks on a background with the Hex color 3B473F.



This preview shows how white text looks on a background with the Hex color 3B473F.

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

3B473F

Protanopia

47443D

Deuteranopia

4C4240



Tritanopia
3D454B

Trichromacy



Original Color

3B473F

Protanomaly

43453E

Deuteranomaly

464440

Tritanomaly

3C4647

Monochromacy



Original Color

3B473F

Achromatopsia

434343

Achromatomaly

404442

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B473F 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 #3B473F looks like.

```
.text, #text, p{  
    color:#3B473F  
}
```

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 #3B473F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B473F
}
```

Border

The CSS property to change the border of an element to Hex 3B473F is called "border". The border property can be set on classes, ids or directly on the HTML element.

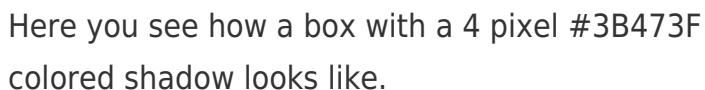
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B473F }
```

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

```
.border{ border-color:#3B473F }
```

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



Here you see how a box with a 4 pixel #3B473F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B473F; -webkit-box-shadow:4px 4px  
4px 4px #3B473F; box-shadow:4px 4px 4px  
4px #3B473F }
```

Background

The CSS property to change the background color of an element to Hex 3B473F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B473F }
```

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

```
.background{ background-color:#3B473F }
```

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