

Converting Colors

Hex(3B474A)

Have a look what the booklet for
Hex(3B474A) contains.

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Color

Hex(3B474A)

Conversions

Conversions Part 1

Format	Color
Hex	3B474A
RGB	59, 71, 74
RGB Percent	23%, 28%, 29%
CMY	0.7686, 0.7216, 0.7098
CMYK	0.20, 0.04, 0.00, 0.71
HSL	192°, 11%, 26%
HSV	192°, 20%, 29%
XYZ	5.2929, 5.9307, 7.3443
YIQ	67.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

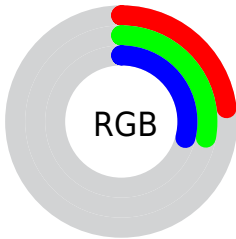
Format	Color
RYB	59, 66, 74
Decimal	3884874
CIELab	29.24, -4.05, -3.42
CIELCh	29, 5.300, 220.162
Yxy	5.9307, 0.2851, 0.3194
Android (android.graphics.Color)	4282074954 (0xFF3B474A)
YUV	67.7540, 3.0793, -7.6773
Hunter-Lab	24.3530, -3.8225, -0.8335

Details

The Hex color **3B474A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A3E3B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6A777B**, and **111C1E** is the 20% darker color. If you saturate the color by 10%, you get **34464A**, and if you desaturate by 10%, it is **42484A**.

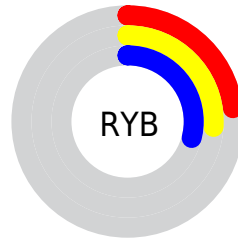
Distribution



 Red (23%)

 Green (28%)

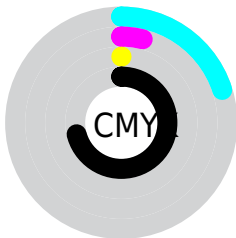
 Blue (29%)



 Red (23%)

 Yellow (26%)

 Blue (29%)

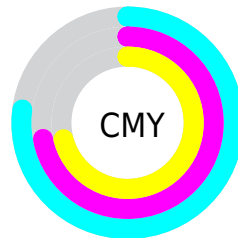


 Cyan (20%)

 Magenta (4%)

 Yellow (0%)

 Black (71%)



 Cyan (77%)

 Magenta (72%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B474A 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 3B474A by changing the saturation by 10% instead.



3B474A



3B474A

FFFFFF



253133



6A777B



111C1E



849194



000005



9EACAF



000000



B9C7CA



D5E3E6



F1FFFF



3B474A



3B474A



34464A



42484A

■ 2C444A

■ 4A4A4A

■ 25434A

■ 514B4A

■ 1D414A

■ 594D4A

■ 16404A

■ 604E4A

■ 0F3E4A

■ 67504A

■ 073D4A

■ 6F514A

■ 003B4A

■ 76534A

■ 7E544A

Harmonies

Analogous

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



3B4746



3B474A



3E464C

Triad

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



3B474A



4C4248



47453D

Complementary

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



3B474A



4A3E3B

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.



4B443D



3B474A



4E4244

Square

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



3B474A



47434B



4D4340



42463F

Rectangle

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



3B474A



41454D



4D4340



48453D

Sweetspot

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



3B474A



5B6061



3B4A3E



2D3030



B0B0B0



303030

Same Dimension

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



3B474A



4A5C61



3B404A



222526



005266



00B8E6

Inverse Universe

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



4A3B47



614A5C



4A463B



262225



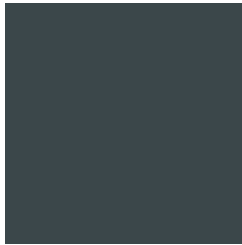
660052



E600B8

Previews

White Background



This preview shows how the Hex color 3B474A looks on a white background.

Color Contrast Check

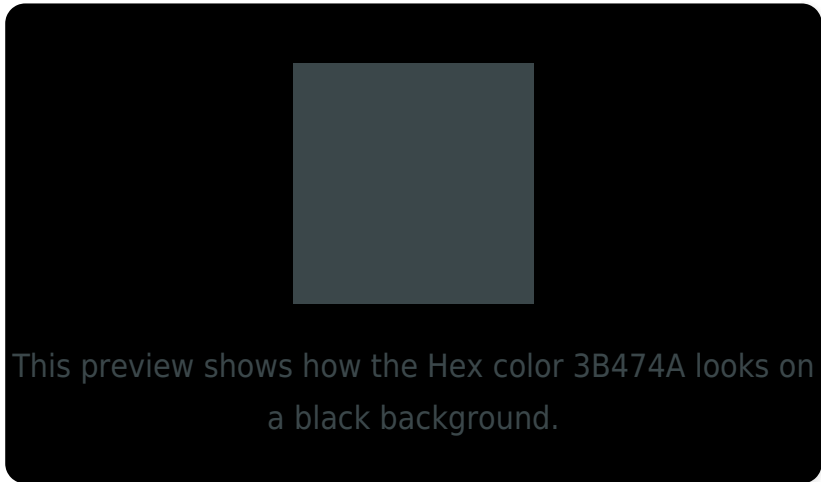
Large Text (above 18pt) WCAG AA ✓ Pass

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

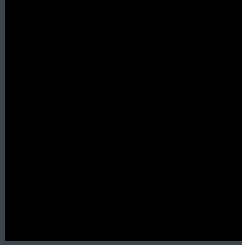
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

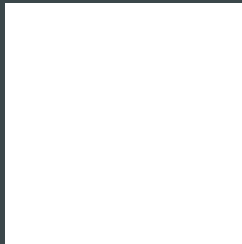
Any Text WCAG AAA × Fail

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

Hex 3B474A Background



This preview shows how black text looks on a background with the Hex color 3B474A.



This preview shows how white text looks on a background with the Hex color 3B474A.

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
3B474A

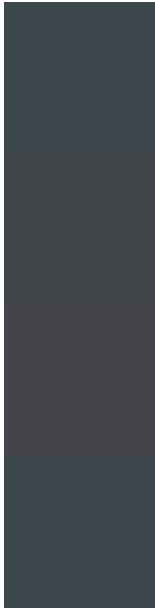
Protanopia
454448

Deuteranopia
49434B



Tritanopia
3B474C

Trichromacy



Original Color

3B474A

Protanomaly

414549

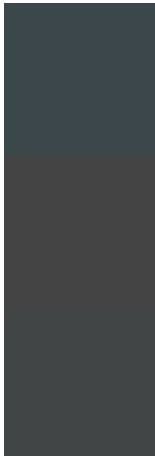
Deuteranomaly

44444B

Tritanomaly

3B474B

Monochromacy



Original Color

3B474A

Achromatopsia

444444

Achromatomaly

414546

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B474A 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 #3B474A looks like.

```
.text, #text, p{  
    color:#3B474A  
}
```

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 #3B474A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B474A
}
```

Border

The CSS property to change the border of an element to Hex 3B474A is called "border". The border property can be set on classes, ids or directly on the HTML element.

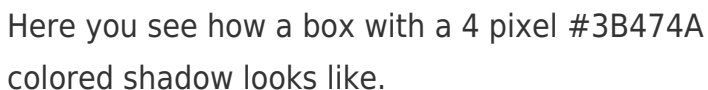
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B474A }
```

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

```
.border{ border-color:#3B474A }
```

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



Here you see how a box with a 4 pixel #3B474A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B474A; -webkit-box-shadow:4px 4px  
4px 4px #3B474A; box-shadow:4px 4px 4px  
4px #3B474A }
```

Background

The CSS property to change the background color of an element to Hex 3B474A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B474A }
```

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

```
.background{ background-color:#3B474A }
```

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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