

Converting Colors

Hex(3A3847)

Have a look what the booklet for
Hex(3A3847) contains.

Hex(3A3847)	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(3A3847)

Conversions

Conversions Part 1

Format	Color
Hex	3A3847
RGB	58, 56, 71
RGB Percent	23%, 22%, 28%
CMY	0.7725, 0.7804, 0.7216
CMYK	0.18, 0.21, 0.00, 0.72
HSL	248°, 12%, 25%
HSV	248°, 21%, 28%
XYZ	4.2964, 4.1828, 6.5422
YIQ	58.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

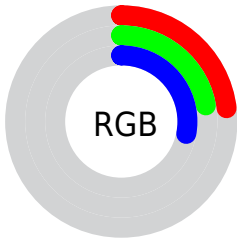
Format	Color
R_{YB}	58, 56, 71
Decimal	3815495
CIE Lab	24.27, 4.55, -8.91
CIE LCh	24, 10.002, 297.045
Yxy	4.1828, 0.2860, 0.2785
Android (android.graphics.Color)	4282005575 (0xFF3A3847)
YUV	58.3080, 6.2572, -0.2701
Hunter-Lab	20.4519, 1.7074, -4.6493

Details

The Hex color **3A3847** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **454738**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **696777**, and **100D1C** is the 20% darker color. If you saturate the color by 10%, you get **343147**, and if you desaturate by 10%, it is **403F47**.

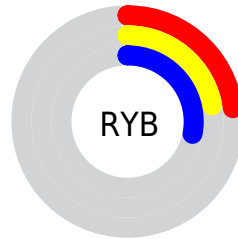
Distribution



Red (23%)

Green (22%)

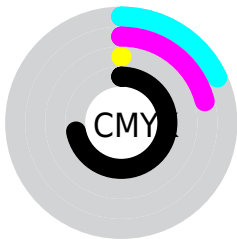
Blue (28%)



Red (23%)

Yellow (22%)

Blue (28%)

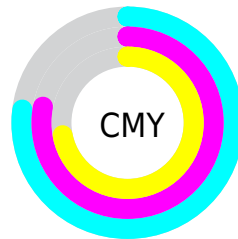


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (72%)



Cyan (77%)

Magenta (78%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3847 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 3A3847 by changing the saturation by 10% instead.

■ 3A3847

■ 3A3847

FFFFFF

■ 242331

■ 696777

■ 100D1C

■ 828091

■ 000000

■ 9D9AAC

■ B7B5C7

■ D3D0E3

■ EFECFF

■ 3A3847

■ 3A3847

■ 343147

■ 403F47

■ 2E2A47

■ 464647

■ 282347

■ 4C4D47

■ 211C47

■ 535447

■ 1B1447

■ 595B47

■ 150D47

■ 5F6347

■ 0F0647

■ 656A47

■ 090047

■ 6B7147

■ 717847

Harmonies

Analogous

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



303B49



3A3847



433642

Triad

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



3A3847



46362D



283E39

Complementary

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



3A3847



454738

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.



2F3D31



3A3847



40392B

Square

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



3A3847



493533



383B2C



253E40

Rectangle

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



3A3847



47353D



383B2C



2A3E36

Sweetspot

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



3A3847



57565C



384547



2B2B2E



ADADAD



2E2E2E

Same Dimension

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



3A3847



48455C



423847



212024



0D0063



1E00E3

Inverse Universe

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



473845



5C4559



3E4738



242023



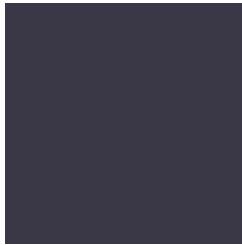
630056



E300C5

Previews

White Background



This preview shows how the Hex color 3A3847 looks on a white background.

Color Contrast Check

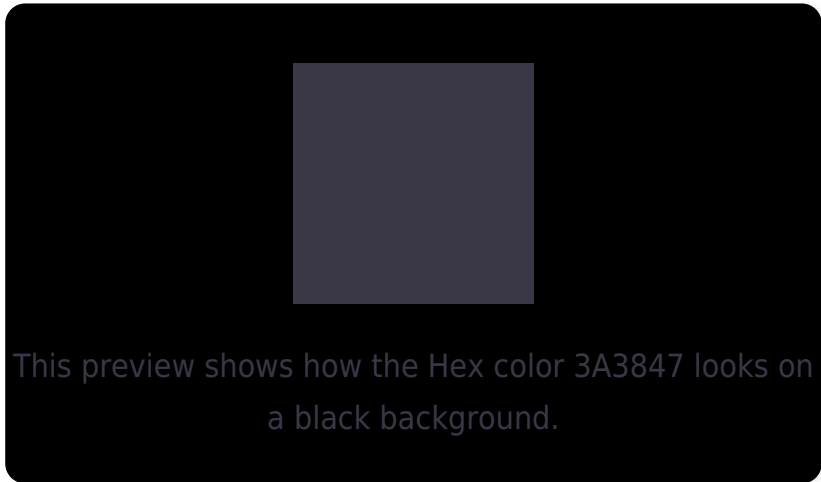
Large Text (above 18pt) WCAG AA ✓ Pass

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

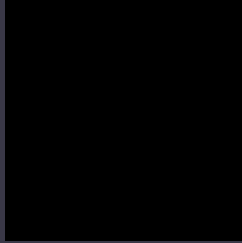
Any Text WCAG AA × Fail

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 3A3847 Background



This preview shows how black text looks on a background with the Hex color 3A3847.



This preview shows how white text looks on a background with the Hex color 3A3847.

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
3A3847

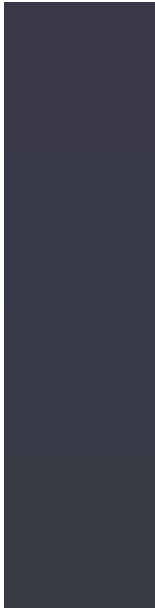
Protanopia
363948

Deuteranopia
393847



Tritanopia
383A3E

Trichromacy



Original Color
3A3847

Protanomaly
373948

Deuteranomaly
393847

Tritanomaly
393941

Monochromacy



Original Color
3A3847

Achromatopsia
3A3A3A

Achromatomaly
3A393F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3847 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 #3A3847 looks like.

```
.text, #text, p{  
    color:#3A3847  
}
```

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 #3A3847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3847
}
```

Border

The CSS property to change the border of an element to Hex 3A3847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

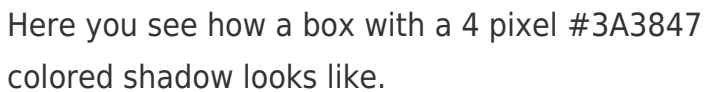
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3847 }
```

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

```
.border{ border-color:#3A3847 }
```

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



Here you see how a box with a 4 pixel #3A3847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3847; -webkit-box-shadow:4px 4px  
4px 4px #3A3847; box-shadow:4px 4px 4px  
4px #3A3847 }
```

Background

The CSS property to change the background color of an element to Hex 3A3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3847 }
```

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

```
.background{ background-color:#3A3847 }
```

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