

Converting Colors

Hex(3A4B33)

Have a look what the booklet for
Hex(3A4B33) contains.

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Color

Hex(3A4B33)

Conversions

Conversions Part 1

Format	Color
Hex	3A4B33
RGB	58, 75, 51
RGB Percent	23%, 29%, 20%
CMY	0.7725, 0.7059, 0.8000
CMYK	0.23, 0.00, 0.32, 0.71
HSL	103°, 19%, 25%
HSV	103°, 32%, 29%
XYZ	4.8585, 6.1707, 4.0670
YIQ	67.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

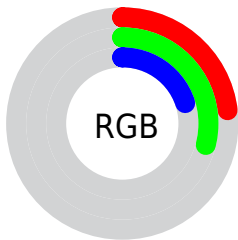
Format	Color
RYB	51, 75, 68
Decimal	3820339
CIELab	29.84, -12.02, 12.18
CIELCh	30, 17.110, 134.623
Yxy	6.1707, 0.3218, 0.4088
Android (android.graphics.Color)	4282010419 (0xFF3A4B33)
YUV	67.1810, -7.9772, -8.0517
Hunter-Lab	24.8409, -8.5595, 7.6817

Details

The Hex color **3A4B33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44334B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6A7C62**, and **101F06** is the 20% darker color. If you saturate the color by 10%, you get **354B2C**, and if you desaturate by 10%, it is **3F4B3B**.

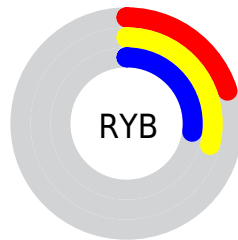
Distribution



Red (23%)

Green (29%)

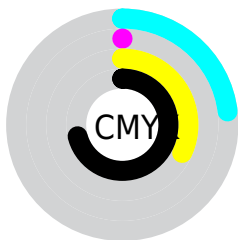
Blue (20%)



Red (20%)

Yellow (29%)

Blue (27%)

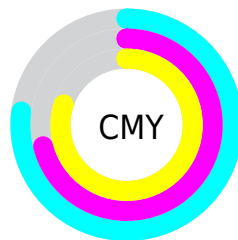


Cyan (23%)

Magenta (0%)

Yellow (32%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4B33 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 3A4B33 by changing the saturation by 10% instead.

■ 3A4B33

■ 3A4B33

FFFFFF

■ 24341E

■ 6A7C62

■ 101F06

■ 83967A

■ 000000

■ 9DB094

■ B8CCAF

■ D4E8CA

■ F0FFE6

■ 3A4B33

■ 3A4B33

■ 354B2C

■ 3F4B3B

■ 2F4B24

■ 454B42

■ 2A4B1D

■ 4A4B4A

■ 254B15

■ 4F4B51

■ 1F4B0E

■ 554B59

■ 1A4B06

■ 5A4B60

■ 164B00

■ 5F4B68

■ 654B6F

■ 6A4B77

Harmonies

Analogous

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



49482C



3A4B33



2A4D3F

Triad

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



3A4B33



2A4A60



613C40

Complementary

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



3A4B33



44334B

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.



5C3D4E



3A4B33



3E4560

Square

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



3A4B33



1B4C58



504159



5E3F34

Rectangle

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



3A4B33



214E48



504159



603C45

Sweetspot

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



3A4B33



5A6157



4B4433



2C302B



B0B0B0



303030

Same Dimension

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



3A4B33



47613C



334B38



242622



1E6600



43E600

Inverse Universe

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



44334B



563C61



4B3346



252226



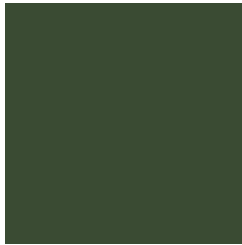
480066



A300E6

Previews

White Background



This preview shows how the Hex color 3A4B33 looks on a white background.

Color Contrast Check

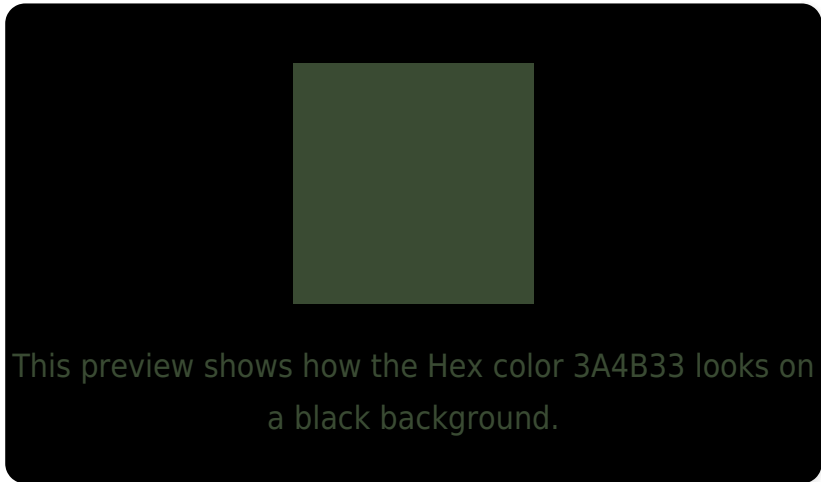
Large Text (above 18pt) WCAG AA ✓ Pass

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

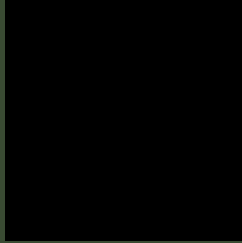
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

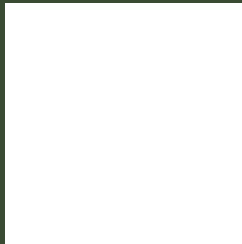
Any Text WCAG AAA × Fail

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

Hex 3A4B33 Background



This preview shows how black text looks on a background with the Hex color 3A4B33.

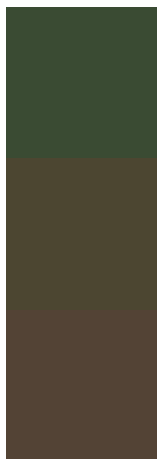


This preview shows how white text looks on a background with the Hex color 3A4B33.

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](#).

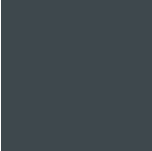
Dichromacy



Original Color
3A4B33

Protanopia
4C4631

Deuteranopia
534335



Tritanopia
3E484D

Trichromacy



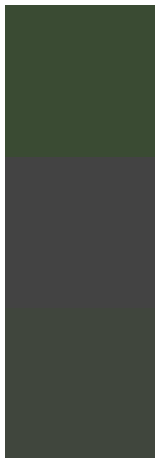
Original Color
3A4B33

Protanomaly
454832

Deuteranomaly
4A4634

Tritanomaly
3D4944

Monochromacy



Original Color
3A4B33

Achromatopsia
434343

Achromatomaly
40463D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4B33 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 #3A4B33 looks like.

```
.text, #text, p{  
    color:#3A4B33  
}
```

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 #3A4B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4B33
}
```

Border

The CSS property to change the border of an element to Hex 3A4B33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

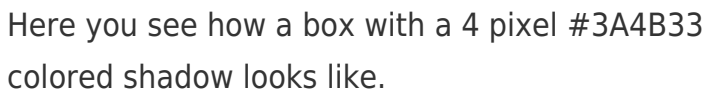
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4B33 }
```

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

```
.border{ border-color:#3A4B33 }
```

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



Here you see how a box with a 4 pixel #3A4B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4B33; -webkit-box-shadow:4px 4px  
4px 4px #3A4B33; box-shadow:4px 4px 4px  
4px #3A4B33 }
```

Background

The CSS property to change the background color of an element to Hex 3A4B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4B33 }
```

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

```
.background{ background-color:#3A4B33 }
```

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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