

Converting Colors

Hex(3B4937)

Have a look what the booklet for
Hex(3B4937) contains.

Hex(3B4937)	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(3B4937)

Conversions

Conversions Part 1

Format	Color
Hex	3B4937
RGB	59, 73, 55
RGB Percent	23%, 29%, 22%
CMY	0.7686, 0.7137, 0.7843
CMYK	0.19, 0.00, 0.25, 0.71
HSL	107°, 14%, 25%
HSV	107°, 25%, 29%
XYZ	4.8758, 5.9707, 4.5099
YIQ	66.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

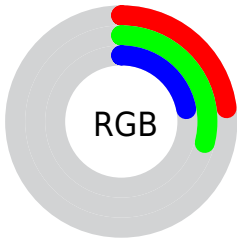
Format	Color
RYB	55, 73, 69
Decimal	3885367
CIELab	29.34, -9.64, 8.97
CIELCh	29, 13.170, 137.065
Yxy	5.9707, 0.3175, 0.3888
Android (android.graphics.Color)	4282075447 (0xFF3B4937)
YUV	66.7620, -5.7987, -6.8073
Hunter-Lab	24.4351, -7.1436, 6.1616

Details

The Hex color **3B4937** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453749**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6A7A66**, and **111D0C** is the 20% darker color. If you saturate the color by 10%, you get **354930**, and if you desaturate by 10%, it is **41493E**.

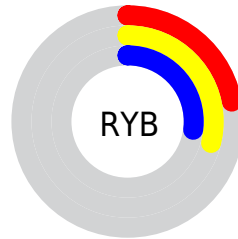
Distribution



Red (23%)

Green (29%)

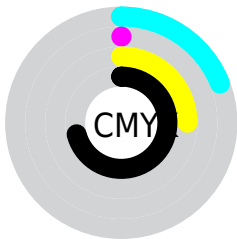
Blue (22%)



Red (22%)

Yellow (29%)

Blue (27%)

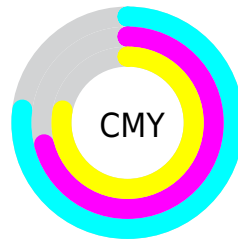


Cyan (19%)

Magenta (0%)

Yellow (25%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4937 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 3B4937 by changing the saturation by 10% instead.

■ 3B4937

■ 3B4937

FFFFFF

■ 253222

■ 6A7A66

■ 111D0C

■ 84937F

■ 000000

■ 9EAE99

■ B9C9B4

■ D5E5CF

■ F1FFE8

■ 3B4937

■ 3B4937

■ 354930

■ 41493E

■ 304928

■ 464946

■ 2A4921

■ 4C494D

■ 24491A

■ 524954

■ 1F4913

■ 57495C

■ 19490B

■ 5D4963

■ 134904

■ 63496A

■ 104900

■ 684971

■ 6E4979

Harmonies

Analogous

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



474632



3B4937



304B40

Triad

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



3B4937



334759



5A3E40

Complementary

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



3B4937



453749

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.



573E4A



3B4937



414458

Square

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



3B4937



294A54



4E4153



584037

Rectangle

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



3B4937



2A4B47



4E4153



5A3E43

Sweetspot

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



3B4937



595E58



494537



2D302D



B0B0B0



303030

Same Dimension

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



3B4937



485E42



37493C



212420



166300



32E300

Inverse Universe

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



453749



58425E



493744



232024



4D0063



B100E3

Previews

White Background



This preview shows how the Hex color 3B4937 looks on a white background.

Color Contrast Check

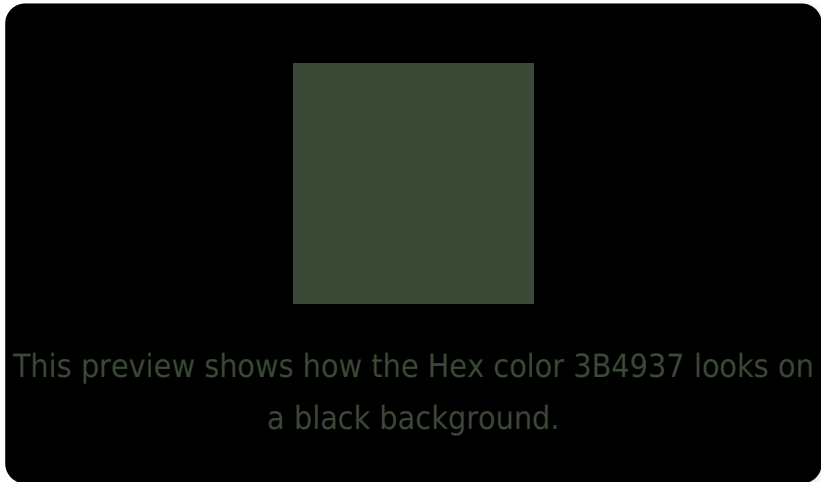
Large Text (above 18pt) WCAG AA ✓ Pass

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

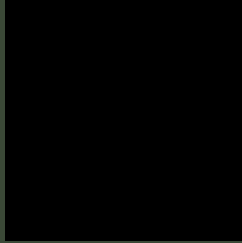
Any Text WCAG AA × Fail

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 3B4937 Background



This preview shows how black text looks on a background with the Hex color 3B4937.



This preview shows how white text looks on a background with the Hex color 3B4937.

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](#).

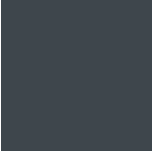
Dichromacy



Original Color
3B4937

Protanopia
4A4535

Deuteranopia
504238



Tritanopia
3E464C

Trichromacy



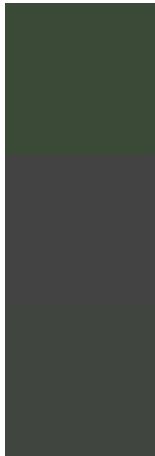
Original Color
3B4937

Protanomaly
454636

Deuteranomaly
484538

Tritanomaly
3D4744

Monochromacy



Original Color
3B4937

Achromatopsia
434343

Achromatomaly
40453F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4937 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 #3B4937 looks like.

```
.text, #text, p{  
    color:#3B4937  
}
```

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 #3B4937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4937
}
```

Border

The CSS property to change the border of an element to Hex 3B4937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

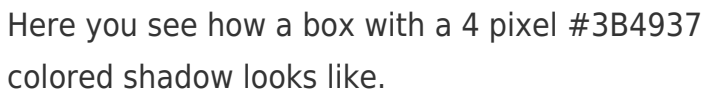
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4937 }
```

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

```
.border{ border-color:#3B4937 }
```

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



Here you see how a box with a 4 pixel #3B4937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4937; -webkit-box-shadow:4px 4px  
4px 4px #3B4937; box-shadow:4px 4px 4px  
4px #3B4937 }
```

Background

The CSS property to change the background color of an element to Hex 3B4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4937 }
```

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

```
.background{ background-color:#3B4937 }
```

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