

Converting Colors

Hex(3B4E3B)

Have a look what the booklet for
Hex(3B4E3B) contains.

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Color

Hex(3B4E3B)

Conversions

Conversions Part 1

Format	Color
Hex	3B4E3B
RGB	59, 78, 59
RGB Percent	23%, 31%, 23%
CMY	0.7686, 0.6941, 0.7686
CMYK	0.24, 0.00, 0.24, 0.69
HSL	120°, 14%, 27%
HSV	120°, 24%, 31%
XYZ	5.3174, 6.6944, 5.1496
YIQ	70.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

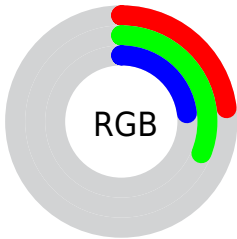
Format	Color
R_{YB}	59, 78, 78
Decimal	3886651
CIE _{Lab}	31.10, -11.79, 8.88
CIE _{LCh}	31, 14.760, 143.008
Yxy	6.6944, 0.3098, 0.3901
Android (android.graphics.Color)	4282076731 (0xFF3B4E3B)
YUV	70.1530, -5.4984, -9.7812
Hunter-Lab	25.8734, -8.5937, 6.3110

Details

The Hex color **3B4E3B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E3B4E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6B7F6A**, and **102211** is the 20% darker color. If you saturate the color by 10%, you get **334E33**, and if you desaturate by 10%, it is **434E43**.

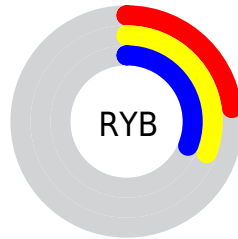
Distribution



 Red (23%)

 Green (31%)

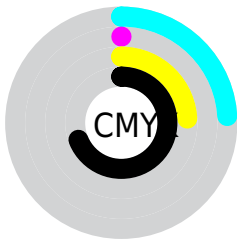
 Blue (23%)



 Red (23%)

 Yellow (31%)

 Blue (31%)

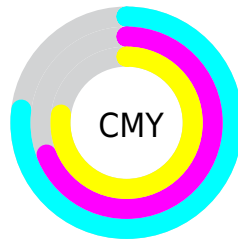


 Cyan (24%)

 Magenta (0%)

 Yellow (24%)

 Black (69%)



 Cyan (77%)

 Magenta (69%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4E3B 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 3B4E3B by changing the saturation by 10% instead.



3B4E3B



3B4E3B

FFFFFF



253725



6B7F6A



102211



849983



000800



9EB49E



000000



B9CFB8



D5ECD4



F1FFF0



3B4E3B



3B4E3B



334E33



434E43

■ 2B4E2B

■ 4B4E4B

■ 244E24

■ 524E52

■ 1C4E1C

■ 5A4E5A

■ 144E14

■ 624E62

■ 0C4E0C

■ 6A4E6A

■ 044E04

■ 724E72

■ 004E00

■ 794E79

■ 814E81

Harmonies

Analogous

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



484B34



3B4E3B



2E4F46

Triad

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



3B4E3B



374B60



614141

Complementary

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



3B4E3B



4E3B4E

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.



5E414C



3B4E3B



47475E

Square

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



3B4E3B



2A4E5B



554357



5D4437

Rectangle

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



3B4E3B



28504E



554357



604145

Sweetspot

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



3B4E3B



5F665F



4E4E3B



2F332F



B3B3B3



333333

Same Dimension

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



3B4E3B



486648



3B4E45



222622



006600



00E600

Inverse Universe

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



4E3B4E



664866



4E3B45



262226



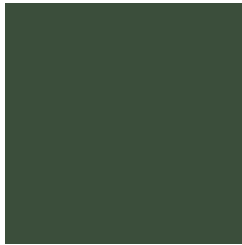
660066



E600E6

Previews

White Background



This preview shows how the Hex color 3B4E3B looks on a white background.

Color Contrast Check

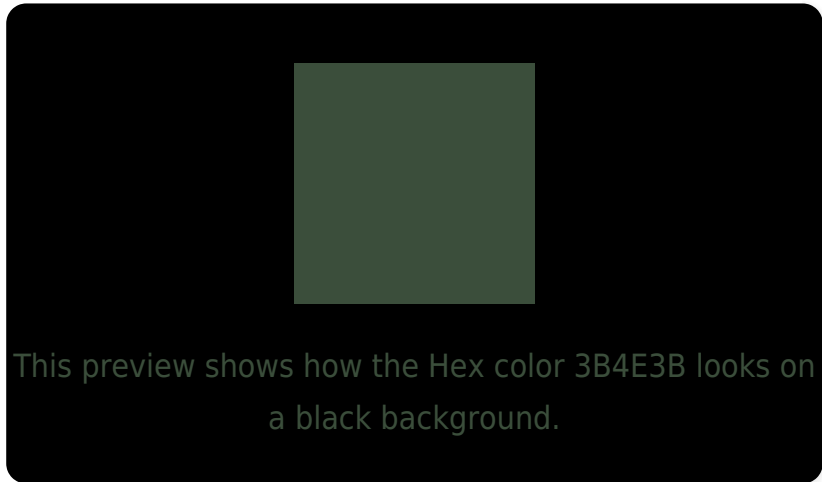
Large Text (above 18pt) WCAG AA ✓ Pass

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

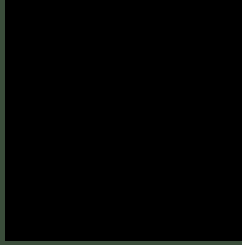
Any Text WCAG AA × Fail

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 3B4E3B Background



This preview shows how black text looks on a background with the Hex color 3B4E3B.



This preview shows how white text looks on a background with the Hex color 3B4E3B.

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
3B4E3B

Protanopia
4E4939

Deuteranopia
54463D



Tritanopia
3F4B51

Trichromacy



Original Color
3B4E3B

Protanomaly
474B3A

Deuteranomaly
4B493C

Tritanomaly
3E4C49

Monochromacy



Original Color
3B4E3B

Achromatopsia
464646

Achromatomaly
424942

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4E3B 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 #3B4E3B looks like.

```
.text, #text, p{  
    color:#3B4E3B  
}
```

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 #3B4E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4E3B
}
```

Border

The CSS property to change the border of an element to Hex 3B4E3B 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
#3B4E3B }
```

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

```
.border{ border-color:#3B4E3B }
```

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

Here you see how a box with a 4 pixel #3B4E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4E3B; -webkit-box-shadow:4px 4px  
4px 4px #3B4E3B; box-shadow:4px 4px 4px  
4px #3B4E3B }
```

Background

The CSS property to change the background color of an element to Hex 3B4E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4E3B }
```

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

```
.background{ background-color:#3B4E3B }
```

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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