

Converting Colors

Hex(3B4C22)

Have a look what the booklet for
Hex(3B4C22) contains.

Hex(3B4C22)	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(3B4C22)

Conversions

Conversions Part 1

Format	Color
Hex	3B4C22
RGB	59, 76, 34
RGB Percent	23%, 30%, 13%
CMY	0.7686, 0.7020, 0.8667
CMYK	0.22, 0.00, 0.55, 0.70
HSL	84°, 38%, 22%
HSV	84°, 55%, 30%
XYZ	4.6768, 6.2142, 2.4663
YIQ	66.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

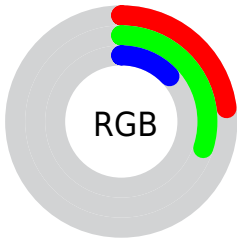
Format	Color
RYB	34, 76, 51
Decimal	3886114
CIELab	29.95, -14.83, 22.63
CIElCh	30, 27.053, 123.229
Yxy	6.2142, 0.3501, 0.4652
Android (android.graphics.Color)	4282076194 (0xFF3B4C22)
YUV	66.1290, -15.8396, -6.2521
Hunter-Lab	24.9283, -10.1360, 11.5838

Details

The Hex color **3B4C22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **33224C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6B7D50**, and **102000** is the 20% darker color. If you saturate the color by 10%, you get **384C1A**, and if you desaturate by 10%, it is **3E4C2A**.

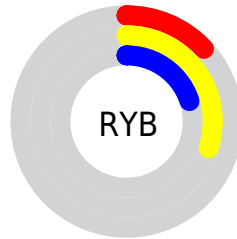
Distribution



Red (23%)

Green (30%)

Blue (13%)



Red (13%)

Yellow (30%)

Blue (20%)

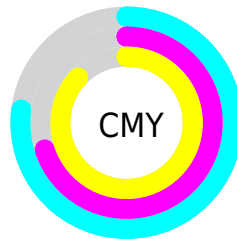


Cyan (22%)

Magenta (0%)

Yellow (55%)

Black (70%)



Cyan (77%)

Magenta (70%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4C22 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 3B4C22 by changing the saturation by 10% instead.



3B4C22



3B4C22

FFFFFF



24350C



6B7D50



102000



859768



000000



9FB281



BBCD9C



D7E9B7



F3FFD2



FFFFEF



3B4C22



3B4C22

■ 384C1A

■ 3E4C2A

■ 354C13

■ 414C31

■ 324C0B

■ 444C39

■ 2F4C04

■ 474C40

■ 2D4C00

■ 4A4C48

■ 4D4C50

■ 514C57

■ 544C5F

■ 574C66

Harmonies

Analogous

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



51461B



3B4C22



1F5033

Triad

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



3B4C22



004E6C



6D3545

Complementary

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



3B4C22



33224C

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.



62385A



3B4C22



264870

Square

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



3B4C22



00515D



4B406A



6C3831

Rectangle

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



3B4C22



005141



4B406A



6B354C

Sweetspot

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



3B4C22



5D6353



4C3322



2F3329



B3B3B3



333333

Same Dimension

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



3B4C22



496322



264C22



252622



3D6600



89E600

Inverse Universe

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



33224C



3C2263



48224C



242226



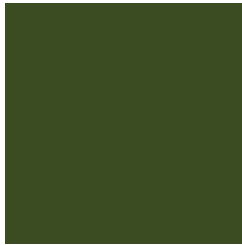
290066



5D00E6

Previews

White Background



This preview shows how the Hex color 3B4C22 looks on a white background.

Color Contrast Check

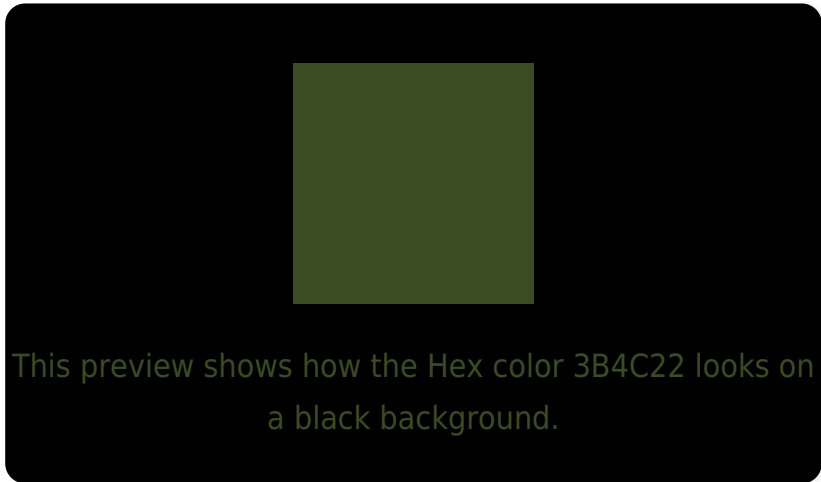
Large Text (above 18pt) WCAG AA ✓ Pass

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

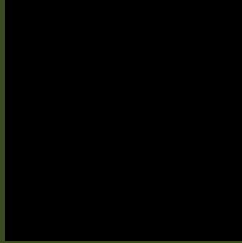
Any Text WCAG AA × Fail

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 3B4C22 Background



This preview shows how black text looks on a background with the Hex color 3B4C22.



This preview shows how white text looks on a background with the Hex color 3B4C22.

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
3B4C22

Protanopia
4E4720

Deuteranopia
564324



Tritanopia
41474D

Trichromacy



Original Color
3B4C22

Protanomaly
474921

Deuteranomaly
4C4623

Tritanomaly
3F493D

Monochromacy



Original Color
3B4C22

Achromatopsia
424242

Achromatomaly
3F4636

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4C22 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 #3B4C22 looks like.

```
.text, #text, p{  
    color:#3B4C22  
}
```

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 #3B4C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4C22
}
```

Border

The CSS property to change the border of an element to Hex 3B4C22 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".

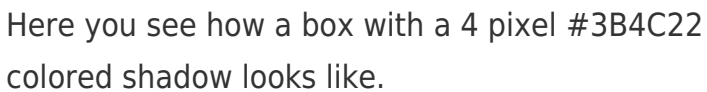
```
.border, #border, table{ border:4px solid
#3B4C22 }
```

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

```
.border{ border-color:#3B4C22 }
```

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

Here you see how a box with a 4 pixel #3B4C22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4C22; -webkit-box-shadow:4px 4px  
4px 4px #3B4C22; box-shadow:4px 4px 4px  
4px #3B4C22 }
```

Background

The CSS property to change the background color of an element to Hex 3B4C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4C22 }
```

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

```
.background{ background-color:#3B4C22 }
```

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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