

# Converting Colors

Hex(3B3B22)

Have a look what the booklet for  
Hex(3B3B22) contains.

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# Color

Hex(3B3B22)

# Conversions

## Conversions Part 1

Format	Color
Hex	3B3B22
RGB	59, 59, 34
RGB Percent	23%, 23%, 13%
CMY	0.7686, 0.7686, 0.8667
CMYK	0.00, 0.00, 0.42, 0.77
HSL	60°, 27%, 18%
HSV	60°, 42%, 23%
XYZ	3.6563, 4.1732, 2.1262
YIQ	56.1500, 8.0250, -7.7750

# Conversions

## Conversions Part 2

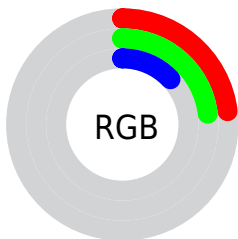
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 59, 34
Decimal	3881762
CIE Lab	24.24, -4.64, 15.52
CIE LCh	24, 16.196, 106.664
Yxy	4.1732, 0.3673, 0.4192
Android (android.graphics.Color)	4282071842 (0xFF3B3B22)
YUV	56.1500, -10.9199, 2.4995
Hunter-Lab	20.4285, -3.8016, 8.1291

# Details


The Hex color **3B3B22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22223B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6B6A4F**, and **0C1100** is the 20% darker color. If you saturate the color by 10%, you get **3B3B1C**, and if you desaturate by 10%, it is **3B3B28**.

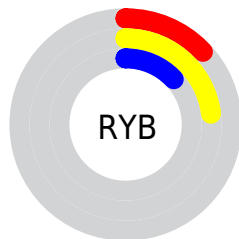
# Distribution



 Red (23%)

 Green (23%)

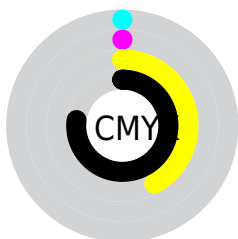
 Blue (13%)



 Red (13%)

 Yellow (23%)

 Blue (13%)

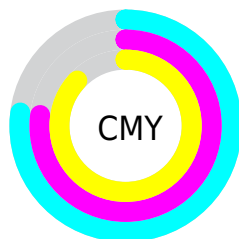


 Cyan (0%)


 Magenta (0%)

 Yellow (42%)

 Black (77%)



 Cyan (77%)

 Magenta (77%)

 Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B3B22 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 3B3B22 by changing the saturation by 10% instead.





3B3B22



3B3B22

FFFFFF



25250D



6B6A4F



0C1100



848367



000000



9F9D80



BAB89A



D5D4B5



F2F0D0



FFFFED



3B3B22



3B3B22

■ 3B3B1C

■ 3B3B28

■ 3B3B16

■ 3B3B2E

■ 3B3B10

■ 3B3B34

■ 3B3B0A

■ 3B3B3A

■ 3B3B04

■ 3B3B3F

■ 3B3B00

■ 3B3B45

■ 3B3B4B

■ 3B3B51

■ 3B3B57

# Harmonies

## Analogous

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



473722



3B3B22



2D3E29

# Triad

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



3B3B22



0F3F4B



4E3140

# Complementary

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



3B3B22



22223B

# 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.



44344A



3B3B22



203C51

# Square

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



3B3B22



104040



333851



523033

# Rectangle

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



3B3B22



233F30



333851



4B3243



# Sweetspot

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



3B3B22



4D4D43



3B2222



262620



A6A6A6



262626



# Same Dimension

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



3B3B22



4D4D25



2F3B22



1F1F1C



5E5E00



DEDE00



# Inverse Universe

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



22223B



25254D



2F223B



1C1C1F



00005E



0000DE



# Previews

## White Background



This preview shows how the Hex color 3B3B22 looks on a white background.

## Color Contrast Check

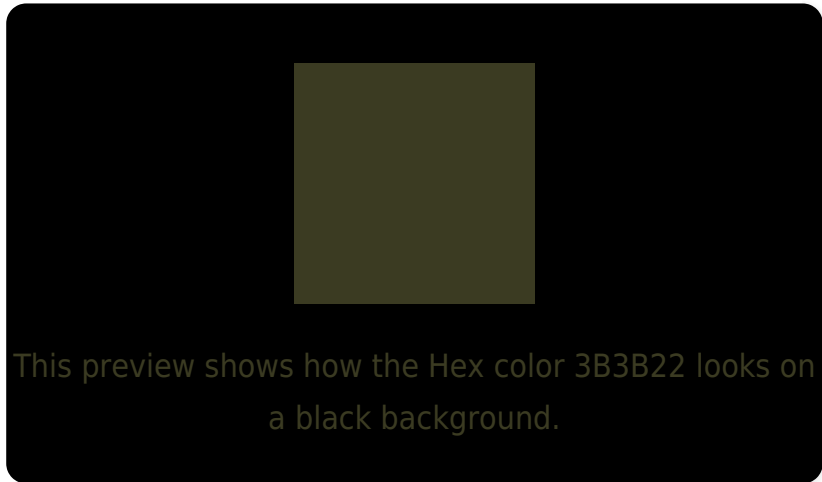
Large Text (above 18pt) WCAG AA ✓ Pass

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

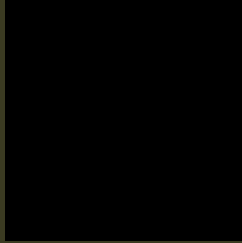
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

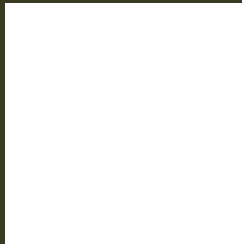
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3B3B22 Background



This preview shows how black text looks on a background with the Hex color 3B3B22.

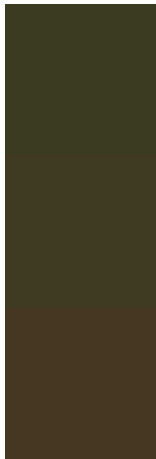


This preview shows how white text looks on a background with the Hex color 3B3B22.

# 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**  
3B3B22

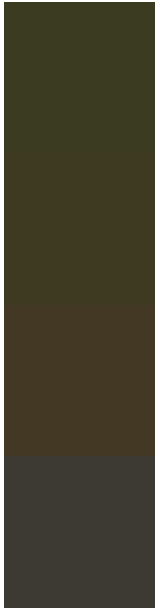
**Protanopia**  
3F3A22

**Deuteranopia**  
463723



**Tritanopia**  
3E383C

# Trichromacy



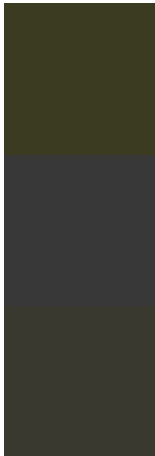
**Original Color**  
3B3B22

**Protanomaly**  
3E3A22

**Deuteranomaly**  
423823

**Tritanomaly**  
3D3933

# Monochromacy



**Original Color**  
3B3B22

**Achromatopsia**  
383838

**Achromatomaly**  
393930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B3B22 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 #3B3B22 looks like.

```
.text, #text, p{  
    color:#3B3B22  
}
```

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 #3B3B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3B22
}
```

## Border

The CSS property to change the border of an element to Hex 3B3B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

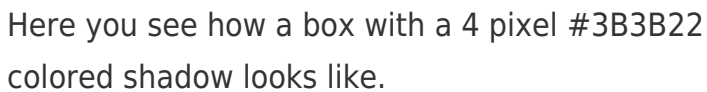
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3B22 }
```

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

```
.border{ border-color:#3B3B22 }
```

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



Here you see how a box with a 4 pixel `#3B3B22` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3B22; -webkit-box-shadow:4px 4px  
4px 4px #3B3B22; box-shadow:4px 4px 4px  
4px #3B3B22 }
```

# Background

The CSS property to change the background color of an element to Hex 3B3B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3B22 }
```

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

```
.background{ background-color:#3B3B22 }
```

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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