

Converting Colors

Hex(3D3B22)

Have a look what the booklet for
Hex(3D3B22) contains.

Hex(3D3B22)	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(3D3B22)

Conversions

Conversions Part 1

Format	Color
Hex	3D3B22
RGB	61, 59, 34
RGB Percent	24%, 23%, 13%
CMY	0.7608, 0.7686, 0.8667
CMYK	0.00, 0.03, 0.44, 0.76
HSL	56°, 28%, 19%
HSV	56°, 44%, 24%
XYZ	3.7772, 4.2355, 2.1318
YIQ	56.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

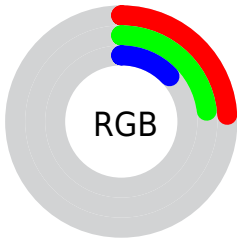
Format	Color
RYB	36, 61, 34
Decimal	4012834
CIELab	24.44, -3.66, 15.81
CIElCh	24, 16.230, 103.046
Yxy	4.2355, 0.3723, 0.4175
Android (android.graphics.Color)	4282202914 (0xFF3D3B22)
YUV	56.7480, -11.2148, 3.7290
Hunter-Lab	20.5804, -3.2552, 8.2647

Details

The Hex color **3D3B22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22243D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6D6A4F**, and **0F1100** is the 20% darker color. If you saturate the color by 10%, you get **3D3B1C**, and if you desaturate by 10%, it is **3D3B28**.

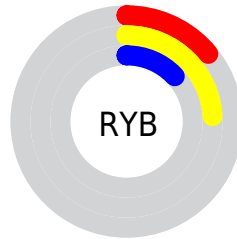
Distribution



Red (24%)

Green (23%)

Blue (13%)



Red (14%)

Yellow (24%)

Blue (13%)

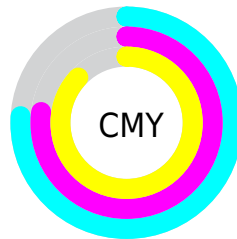


Cyan (0%)

Magenta (3%)

Yellow (44%)

Black (76%)



Cyan (76%)

Magenta (77%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3B22 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 3D3B22 by changing the saturation by 10% instead.



3D3B22



3D3B22

FFFFFF



27250D



6D6A4F



0F1100



878367



000000



A19D80



BCB89A



D8D4B5



F5F0D1



FFFFED



3D3B22



3D3B22

■ 3D3B1C

■ 3D3B28

■ 3D3A16

■ 3D3C2E

■ 3D3A10

■ 3D3C34

■ 3D390A

■ 3D3D3A

■ 3D3904

■ 3D3D41

■ 3D3800

■ 3D3E47

■ 3D3E4D

■ 3D3F53

■ 3D3F59

Harmonies

Analogous

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



483723



3D3B22



2F3E28

Triad

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



3D3B22



0F404A



4E3241

Complementary

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



3D3B22



22243D

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.



42354C



3D3B22



1E3D51

Square

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



3D3B22



12413F



313952



523135

Rectangle

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



3D3B22



26402F



313952



4B3245

Sweetspot

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



3D3B22



4F4E45



3D2224



292822



A8A8A8



292929

Same Dimension

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



3D3B22



4F4C25



323D22



1F1E1C



5E5700



DECD00

Inverse Universe

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



22243D



25284F



2D223D



1C1C1F



00075E



0010DE

Previews

White Background



This preview shows how the Hex color 3D3B22 looks on a white background.

Color Contrast Check

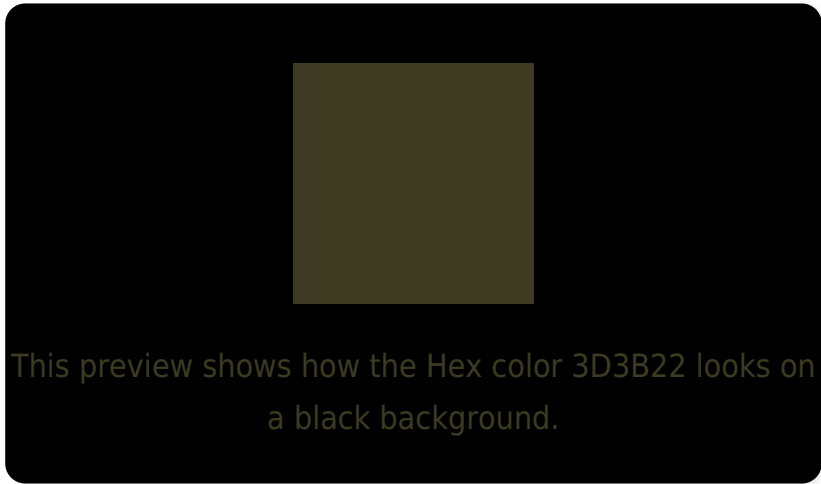
Large Text (above 18pt) WCAG AA ✓ Pass

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

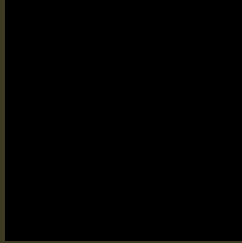
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

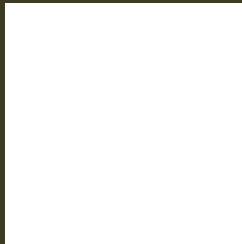
Any Text WCAG AAA × Fail

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

Hex 3D3B22 Background



This preview shows how black text looks on a background with the Hex color 3D3B22.

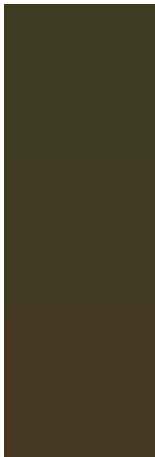


This preview shows how white text looks on a background with the Hex color 3D3B22.

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
3D3B22

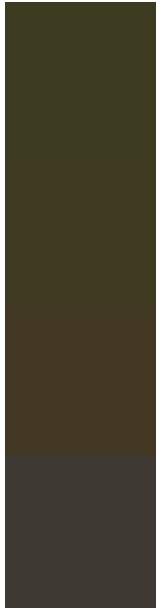
Protanopia
403A22

Deuteranopia
463723



Tritanopia
40383C

Trichromacy



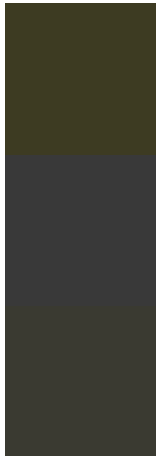
Original Color
3D3B22

Protanomaly
3F3A22

Deuteranomaly
433823

Tritanomaly
3F3933

Monochromacy



Original Color
3D3B22

Achromatopsia
393939

Achromatomaly
3A3A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3B22 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 #3D3B22 looks like.

```
.text, #text, p{  
    color:#3D3B22  
}
```

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 #3D3B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3B22
}
```

Border

The CSS property to change the border of an element to Hex 3D3B22 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
#3D3B22 }
```

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

```
.border{ border-color:#3D3B22 }
```

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

Here you see how a box with a 4 pixel #3D3B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3B22; -webkit-box-shadow:4px 4px  
4px 4px #3D3B22; box-shadow:4px 4px 4px  
4px #3D3B22 }
```

Background

The CSS property to change the background color of an element to Hex 3D3B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3B22 }
```

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

```
.background{ background-color:#3D3B22 }
```

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