

Converting Colors

Hex(3D3312)

Have a look what the booklet for
Hex(3D3312) contains.

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Color

Hex(3D3312)

Conversions

Conversions Part 1

Format	Color
Hex	3D3312
RGB	61, 51, 18
RGB Percent	24%, 20%, 7%
CMY	0.7608, 0.8000, 0.9294
CMYK	0.00, 0.16, 0.70, 0.76
HSL	46°, 54%, 15%
HSV	46°, 70%, 24%
XYZ	3.2175, 3.4034, 1.0596
YIQ	50.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

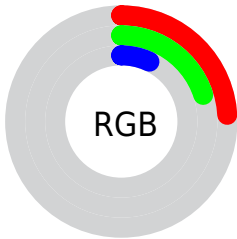
Format	Color
RYB	31, 61, 18
Decimal	4010770
CIELab	21.59, -0.29, 22.11
CIELCh	22, 22.116, 90.753
Yxy	3.4034, 0.4189, 0.4431
Android (android.graphics.Color)	4282200850 (0xFF3D3312)
YUV	50.2280, -15.8884, 9.4470
Hunter-Lab	18.4484, -1.1535, 9.5084

Details

The Hex color **3D3312** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **121C3D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6E613E**, and **080600** is the 20% darker color. If you saturate the color by 10%, you get **3D320C**, and if you desaturate by 10%, it is **3D3418**.

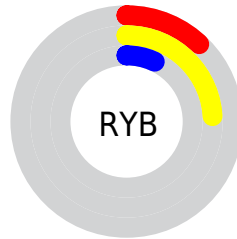
Distribution



 Red (24%)

 Green (20%)

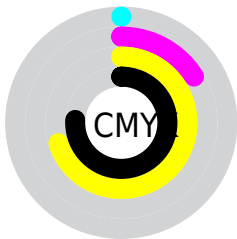
 Blue (7%)



 Red (12%)

 Yellow (24%)

 Blue (7%)

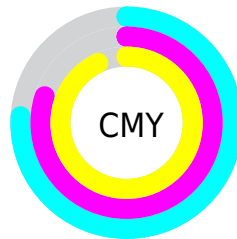


 Cyan (0%)

 Magenta (16%)

 Yellow (70%)

 Black (76%)



 Cyan (76%)

 Magenta (80%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3312 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 3D3312 by changing the saturation by 10% instead.



3D3312



3D3312



FFFFFF5



271E00



6E613E



080600



887A55



000000



A3946E



BEAE87



DACAA2



F7E6BD



FFFFD9



3D3312



3D3312

■ 3D320C

■ 3D3418

■ 3D3006

■ 3D361E

■ 3D2F00

■ 3D3724

■ 3D392A

■ 3D3A31

■ 3D3C37

■ 3D3D3D

■ 3D3E43

■ 3D4049

Harmonies

Analogous

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



4A2D17



3D3312



2C3817

Triad

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



3D3312



003C44



482944

Complementary

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



3D3312



121C3D

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.



352F50



3D3312



003A50

Square

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



3D3312



003C34



173554



522634

Rectangle

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



3D3312



1F3A1E



173554



432B49

Sweetspot

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



3D3312



4F4B3E



3D121C



29261F



A8A8A8



292929

Same Dimension

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



3D3312



4F3F0C



323D12



1F1E1C



5E4800



DEAA00

Inverse Universe

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



121C3D



0C1B4F



1D123D



1C1C1F



00165E



0034DE

Previews

White Background



This preview shows how the Hex color 3D3312 looks on a white background.

Color Contrast Check

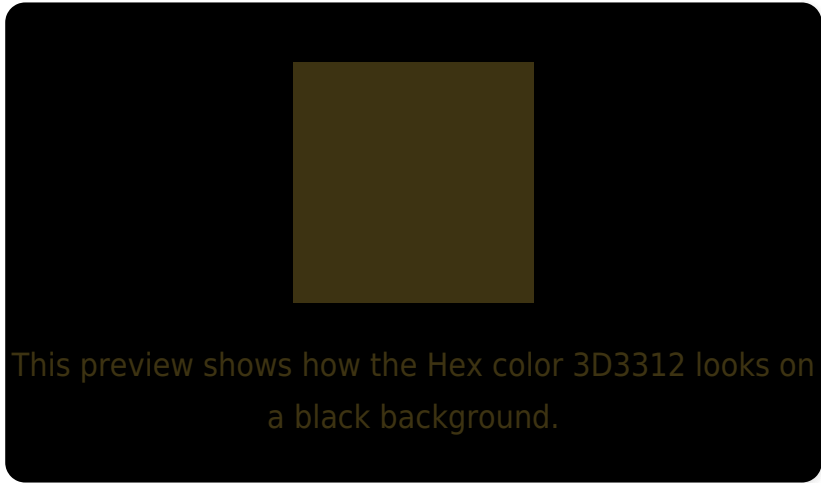
Large Text (above 18pt) WCAG AA ✓ Pass

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

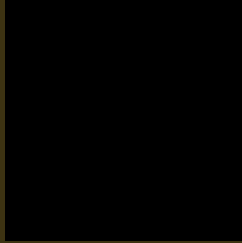
Any Text WCAG AA × Fail

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 3D3312 Background



This preview shows how black text looks on a background with the Hex color 3D3312.



This preview shows how white text looks on a background with the Hex color 3D3312.

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](#).

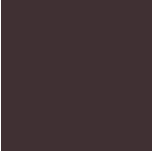
Dichromacy



Original Color
3D3312

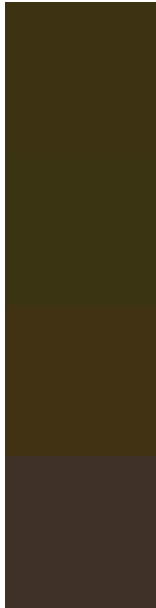
Protanopia
3A3412

Deuteranopia
413113



Tritanopia
403033

Trichromacy



Original Color
3D3312

Protanomaly
3B3412

Deuteranomaly
403213

Tritanomaly
3F3127

Monochromacy



Original Color
3D3312

Achromatopsia
323232

Achromatomaly
363226

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3312 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 #3D3312 looks like.

```
.text, #text, p{  
    color:#3D3312  
}
```

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 #3D3312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3312
}
```

Border

The CSS property to change the border of an element to Hex 3D3312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

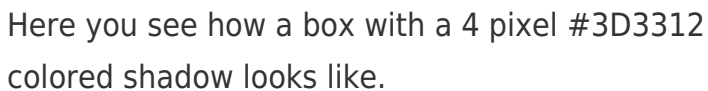
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3312 }
```

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

```
.border{ border-color:#3D3312 }
```

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



Here you see how a box with a 4 pixel #3D3312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3312; -webkit-box-shadow:4px 4px  
4px 4px #3D3312; box-shadow:4px 4px 4px  
4px #3D3312 }
```

Background

The CSS property to change the background color of an element to Hex 3D3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3312 }
```

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

```
.background{ background-color:#3D3312 }
```

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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