

Converting Colors

Hex(3D3316)

Have a look what the booklet for
Hex(3D3316) contains.

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Color

Hex(3D3316)

Conversions

Conversions Part 1

Format	Color
Hex	3D3316
RGB	61, 51, 22
RGB Percent	24%, 20%, 9%
CMY	0.7608, 0.8000, 0.9137
CMYK	0.00, 0.16, 0.64, 0.76
HSL	45°, 47%, 16%
HSV	45°, 64%, 24%
XYZ	3.2531, 3.4177, 1.2473
YIQ	50.6840, 15.2690, -6.8990

Conversions

Conversions Part 2

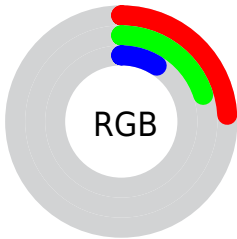
Format	Color
RYB	35, 61, 22
Decimal	4010774
CIELab	21.64, 0.08, 19.82
CIELCh	22, 19.820, 89.773
Yxy	3.4177, 0.4108, 0.4316
Android (android.graphics.Color)	4282200854 (0xFF3D3316)
YUV	50.6840, -14.1412, 9.0471
Hunter-Lab	18.4870, -0.9419, 8.9407

Details

The Hex color **3D3316** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16203D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6E6142**, and **090600** is the 20% darker color. If you saturate the color by 10%, you get **3D3110**, and if you desaturate by 10%, it is **3D351C**.

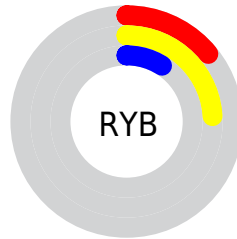
Distribution



Red (24%)

Green (20%)

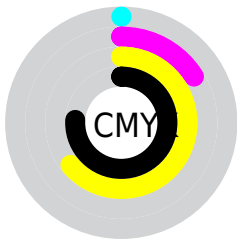
Blue (9%)



Red (14%)

Yellow (24%)

Blue (9%)

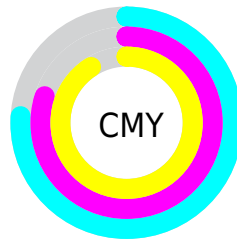


Cyan (0%)

Magenta (16%)

Yellow (64%)

Black (76%)



Cyan (76%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3316 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 3D3316 by changing the saturation by 10% instead.

 3D3316

 3D3316

 FFFFFA

 281E00

 6E6142

 090600

 887A59

 000000

 A29472

 BEAE8C

 DACAA6

 F6E6C1

 FFFFDD

 3D3316

 3D3316

■ 3D3110

■ 3D351C

■ 3D300A

■ 3D3622

■ 3D2E04

■ 3D3828

■ 3D2D00

■ 3D392E

■ 3D3B35

■ 3D3C3B

■ 3D3E41

■ 3D4047

■ 3D414D

Harmonies

Analogous

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



492E1B



3D3316



2E371A

Triad

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



3D3316



003B42



462B43

Complementary

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



3D3316



16203D

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.



35304D



3D3316



00394D

Square

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



3D3316



013B33



1C3551



4F2835

Rectangle

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



3D3316



223920



1C3551



412C47

Sweetspot

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



3D3316



4F4B40



3D1620



29261F



A8A8A8



292929

Same Dimension

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



3D3316



4F3F12



343D16



1F1E1C



5E4600



DEA500

Inverse Universe

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



16203D



12224F



1F163D



1C1C1F



00185E



0039DE

Previews

White Background



This preview shows how the Hex color 3D3316 looks on a white background.

Color Contrast Check

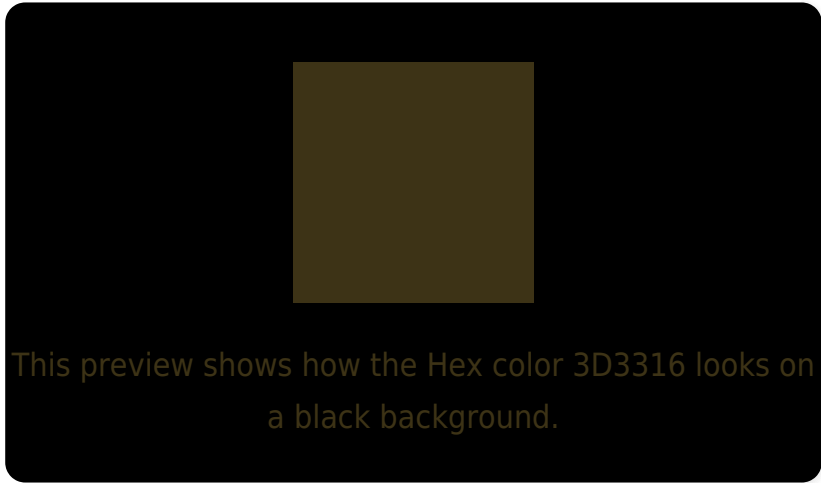
Large Text (above 18pt) WCAG AA ✓ Pass

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

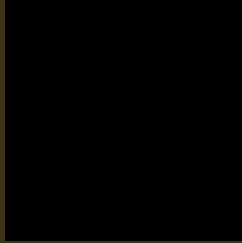
Any Text WCAG AA × Fail

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 3D3316 Background



This preview shows how black text looks on a background with the Hex color 3D3316.

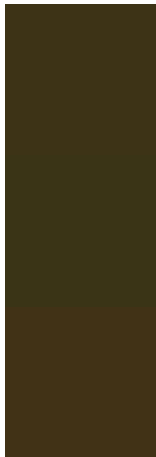


This preview shows how white text looks on a background with the Hex color 3D3316.

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
3D3316

Protanopia
3A3416

Deuteranopia
413216



Tritanopia
3F3034

Trichromacy



Original Color
3D3316

Protanomaly
3B3416

Deuteranomaly
403216

Tritanomaly
3E3129

Monochromacy



Original Color
3D3316

Achromatopsia
333333

Achromatomaly
373328

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3316 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 #3D3316 looks like.

```
.text, #text, p{  
    color:#3D3316  
}
```

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 #3D3316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3316
}
```

Border

The CSS property to change the border of an element to Hex 3D3316 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
#3D3316 }
```

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

```
.border{ border-color:#3D3316 }
```

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

Here you see how a box with a 4 pixel #3D3316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3316; -webkit-box-shadow:4px 4px  
4px 4px #3D3316; box-shadow:4px 4px 4px  
4px #3D3316 }
```

Background

The CSS property to change the background color of an element to Hex 3D3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3316 }
```

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

```
.background{ background-color:#3D3316 }
```

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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