

Converting Colors

Hex(3D0033)

Have a look what the booklet for
Hex(3D0033) contains.

Hex(3D0033)	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(3D0033)

Conversions

Conversions Part 1

Format	Color
Hex	3D0033
RGB	61, 0, 51
RGB Percent	24%, 0%, 20%
CMY	0.7608, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.16, 0.76
HSL	310°, 100%, 12%
HSV	310°, 100%, 24%
XYZ	2.5220, 1.2311, 3.2367
YIQ	24.0530, 19.9850, 28.7930

Conversions

Conversions Part 2

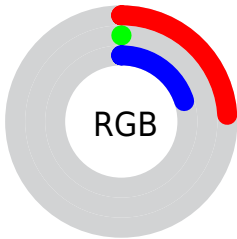
Format	Color
RYB	61, 0, 51
Decimal	3997747
CIELab	10.78, 33.68, -15.77
CIELCh	11, 37.191, 334.904
Yxy	1.2311, 0.3608, 0.1761
Android (android.graphics.Color)	4282187827 (0xFF3D0033)
YUV	24.0530, 13.2849, 32.4025
Hunter-Lab	11.0956, 21.1556, -9.5285

Details

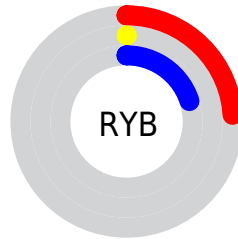
The Hex color **3D0033** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003D0A**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **6F3262**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D0033**, and if you desaturate by 10%, it is **3D0634**.

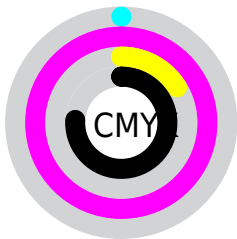
Distribution



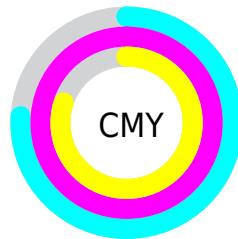
- Red (24%)
- Green (0%)
- Blue (20%)



- Red (24%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (76%)



- Cyan (76%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0033 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 3D0033 by changing the saturation by 10% instead.

 3D0033

 3D0033

 FFEBFF

 29001E

 6F3262

 000000

 894A7B

 A46394

 C07DAF

 DD97CB

 FAB3E7

 FFCEFF

 3D0033

■ 3D0634

■ 3D0C35

■ 3D1236

■ 3D1837

■ 3D1F38

■ 3D2539

■ 3D2B3A

■ 3D313B

■ 3D373C

Harmonies

Analogous

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



1F1447



3D0033



47001A

Triad

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



3D0033



221E00



00283A

Complementary

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



3D0033



003D0A

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.



002821



3D0033



032300

Square

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



3D0033



361300



002700



00254B

Rectangle

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



3D0033



460004



002700



002832

Sweetspot

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



3D0033



4F374B



09003D



291A26



A8A8A8



292929

Same Dimension

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



3D0033



4F0042



3D0015



1F1C1E



5E004F



DE00B9

Inverse Universe

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



3D0033



4F0042



003D28



1F1C1E



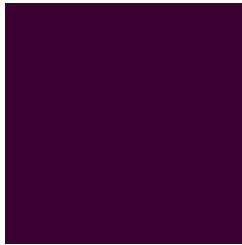
5E004F



DE00B9

Previews

White Background



This preview shows how the Hex color 3D0033 looks on a white background.

Color Contrast Check

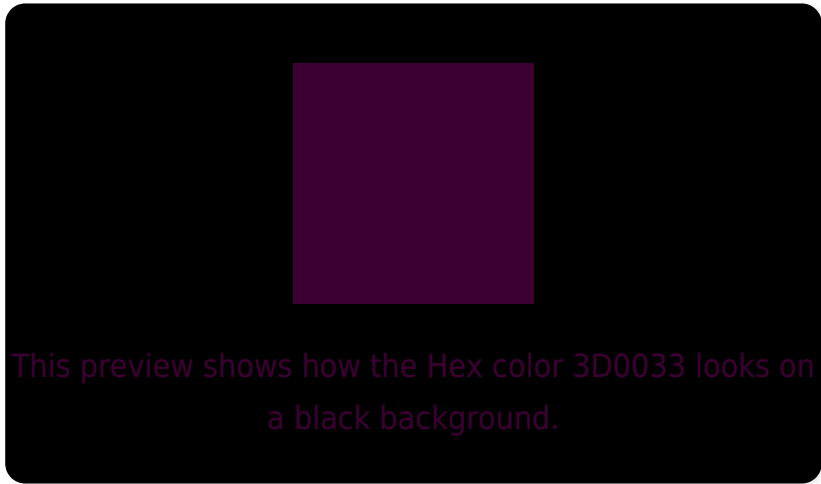
Large Text (above 18pt) WCAG AA ✓ Pass

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

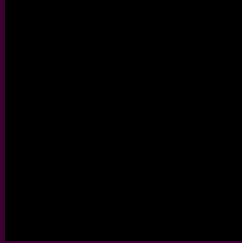
Any Text WCAG AA × Fail

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 3D0033 Background



This preview shows how black text looks on a background with the Hex color 3D0033.



This preview shows how white text looks on a background with the Hex color 3D0033.

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
3D0033

Protanopia
002045

Deuteranopia
1C2130



Tritanopia
3A1415

Trichromacy



Original Color
3D0033

Protanomaly
16143E

Deuteranomaly
281531

Tritanomaly
3B0D20

Monochromacy



Original Color
3D0033

Achromatopsia
181818

Achromatomaly
250F22

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0033 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 #3D0033 looks like.

```
.text, #text, p{  
    color:#3D0033  
}
```

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 #3D0033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0033
}
```

Border

The CSS property to change the border of an element to Hex 3D0033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

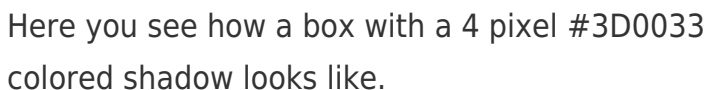
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D0033 }
```

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

```
.border{ border-color:#3D0033 }
```

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



Here you see how a box with a 4 pixel #3D0033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0033; -webkit-box-shadow:4px 4px  
4px 4px #3D0033; box-shadow:4px 4px 4px  
4px #3D0033 }
```

Background

The CSS property to change the background color of an element to Hex 3D0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0033 }
```

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

```
.background{ background-color:#3D0033 }
```

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