

Converting Colors

Hex(4D0D37)

Have a look what the booklet for
Hex(4D0D37) contains.

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Color

Hex(4D0D37)

Conversions

Conversions Part 1

Format	Color
Hex	4D0D37
RGB	77, 13, 55
RGB Percent	30%, 5%, 22%
CMY	0.6980, 0.9490, 0.7843
CMYK	0.00, 0.83, 0.29, 0.70
HSL	321°, 71%, 18%
HSV	321°, 83%, 30%
XYZ	3.8941, 2.1415, 3.8225
YIQ	36.9240, 24.6620, 26.6300

Conversions

Conversions Part 2

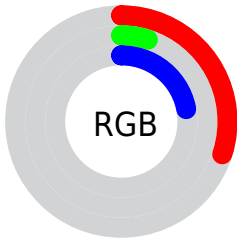
Format	Color
RYB	77, 13, 55
Decimal	5049655
CIELab	16.21, 33.52, -9.95
CIELCh	16, 34.966, 343.470
Yxy	2.1415, 0.3950, 0.2172
Android (android.graphics.Color)	4283239735 (0xFF4D0D37)
YUV	36.9240, 8.9115, 35.1467
Hunter-Lab	14.6337, 21.8903, -5.2437




Details

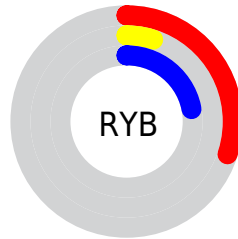
The Hex color **4D0D37** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D4D23**, and the grayscale version is **252525**.




A 20% lighter version of the original color is **813F66**, and **1D0009** is the 20% darker color. If you saturate the color by 10%, you get **4D0534**, and if you desaturate by 10%, it is **4D153A**.

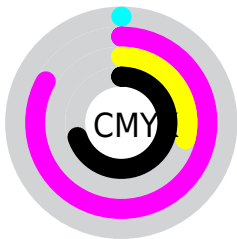
Distribution







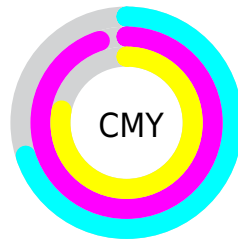
-  Red (30%)
-  Green (5%)
-  Blue (22%)






-  Red (30%)
-  Yellow (5%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (29%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (95%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D0D37 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 4D0D37 by changing the saturation by 10% instead.

 4D0D37

 4D0D37

 FFFAFF

 350022

 813F66

 1D0009

 9C577F

 000000

 B77199

 D38BB4

 F0A6CF

 FFC1EB

 FFDDFF

 4D0D37

 4D0D37

■ 4D0534

■ 4D153A

■ 4D0033

■ 4D1C3C

■ 4D243F

■ 4D2C42

■ 4D3344

■ 4D3B47

■ 4D434A

■ 4D4B4C

■ 4D524F

Harmonies

Analogous

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



371C4D



4D0D37



53091E

Triad

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



4D0D37



292B00



00324A

Complementary

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



4D0D37



0D4D23

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.



003333



4D0D37



0B3000

Square

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



4D0D37



3E2200



003219



002F58

Rectangle

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



4D0D37



50110D



003219



003343

Sweetspot

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



4D0D37



634B5B



220D4D



33242E



B3B3B3



333333

Same Dimension

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



4D0D37



630041



4D0D18



262225



660043



E60097

Inverse Universe

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



4D0D37



630041



0D4D42



262225



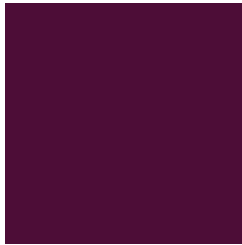
660043



E60097

Previews

White Background



This preview shows how the Hex color 4D0D37 looks on a white background.

Color Contrast Check

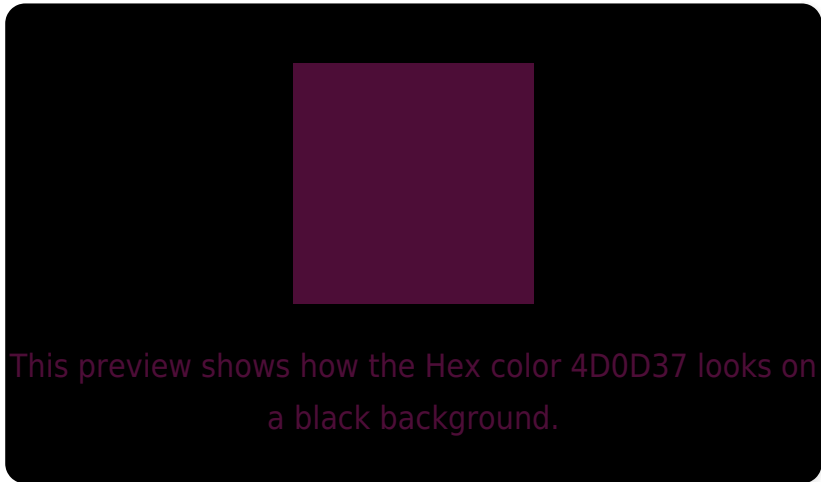
Large Text (above 18pt) WCAG AA ✓ Pass

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

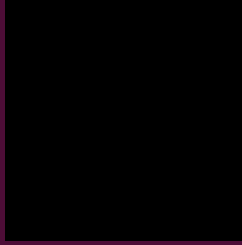
Any Text WCAG AA × Fail

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 4D0D37 Background



This preview shows how black text looks on a background with the Hex color 4D0D37.



This preview shows how white text looks on a background with the Hex color 4D0D37.

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
4D0D37

Protanopia
1B294B

Deuteranopia
2A2A34



Tritanopia
4B181A

Trichromacy



Original Color
4D0D37

Protanomaly
2D1F44

Deuteranomaly
371F35

Tritanomaly
4C1425

Monochromacy



Original Color
4D0D37

Achromatopsia
252525

Achromatomaly
341C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D0D37 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 #4D0D37 looks like.

```
.text, #text, p{  
    color:#4D0D37  
}
```

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 #4D0D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0D37
}
```

Border

The CSS property to change the border of an element to Hex 4D0D37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

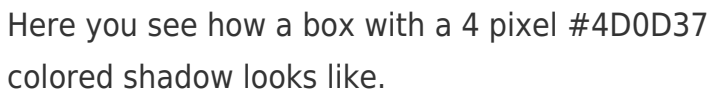
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0D37 }
```

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

```
.border{ border-color:#4D0D37 }
```

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



Here you see how a box with a 4 pixel #4D0D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0D37; -webkit-box-shadow:4px 4px  
4px 4px #4D0D37; box-shadow:4px 4px 4px  
4px #4D0D37 }
```

Background

The CSS property to change the background color of an element to Hex 4D0D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0D37 }
```

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

```
.background{ background-color:#4D0D37 }
```

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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