

Converting Colors

Hex(4D3000)

Have a look what the booklet for
Hex(4D3000) contains.

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Color

Hex(4D3000)

Conversions

Conversions Part 1

Format	Color
Hex	4D3000
RGB	77, 48, 0
RGB Percent	30%, 19%, 0%
CMY	0.6980, 0.8118, 1.0000
CMYK	0.00, 0.38, 1.00, 0.70
HSL	37°, 100%, 15%
HSV	37°, 100%, 30%
XYZ	4.1175, 3.6917, 0.4955
YIQ	51.1990, 32.6920, -8.7800

Conversions

Conversions Part 2

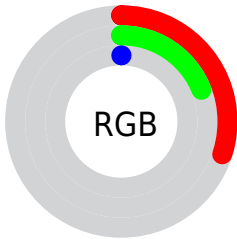
Format	Color
RYB	47, 77, 0
Decimal	5058560
CIELab	22.62, 9.12, 31.92
CIELCh	23, 33.197, 74.057
Yxy	3.6917, 0.4958, 0.4445
Android (android.graphics.Color)	4283248640 (0xFF4D3000)
YUV	51.1990, -25.2411, 22.6275
Hunter-Lab	19.2138, 4.6286, 11.9205

Details

The Hex color **4D3000** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001D4D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **815E2F**, and **1C0200** is the 20% darker color. If you saturate the color by 10%, you get **4D3000**, and if you desaturate by 10%, it is **4D3308**.

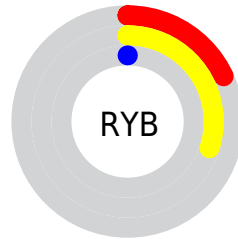
Distribution



Red (30%)

Green (19%)

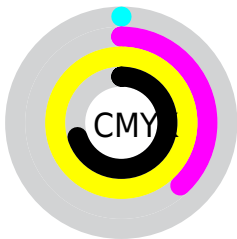
Blue (0%)



Red (18%)

Yellow (30%)

Blue (0%)

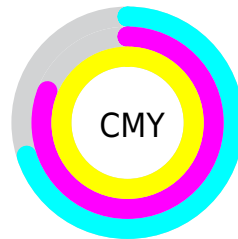


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3000 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 4D3000 by changing the saturation by 10% instead.

 4D3000

 4D3000

 FFFFE5

 341B00

 815E2F

 1C0200

 9D7747

 000000

 B9905F

 D6AB78

 F3C692

 FFE2AD

 FFFFC9

 4D3000

■ 4D3308

■ 4D360F

■ 4D3917

■ 4D3C1F

■ 4D3F27

■ 4D412E

■ 4D4436

■ 4D473E

■ 4D4A45

Harmonies

Analogous

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



5C2514



4D3000



373800

Triad

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



4D3000



004241



462A5A

Complementary

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



4D3000



001D4D

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.



183566



4D3000



004058

Square

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



4D3000



004128



003D66



5C2044

Rectangle

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



4D3000



263C08



003D66



3A2E5F

Sweetspot

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



4D3000



635846



4D001E



332C21



B3B3B3



333333

Same Dimension

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



4D3000



633E00



444D00



262522



664000



E68F00

Inverse Universe

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



001D4D



002563



09004D



222426



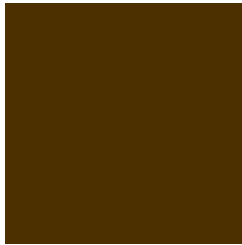
002666



0056E6

Previews

White Background



This preview shows how the Hex color 4D3000 looks on a white background.

Color Contrast Check

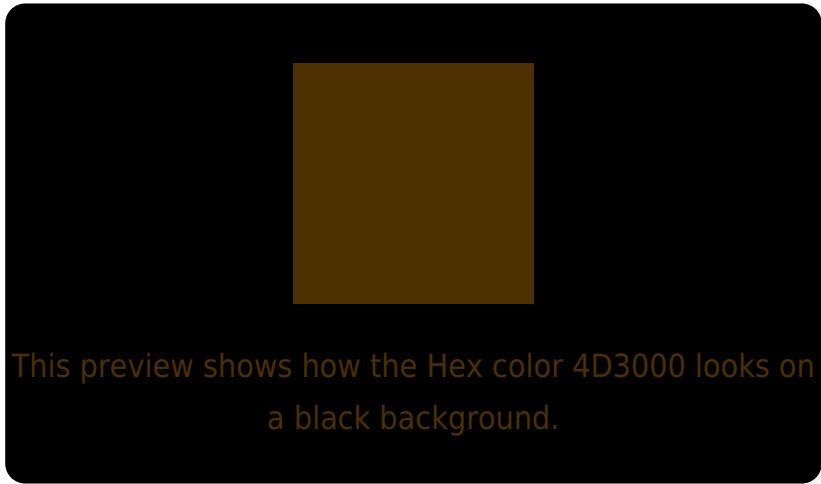
Large Text (above 18pt) WCAG AA ✓ Pass

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

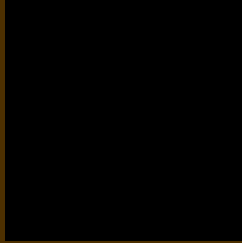
Any Text WCAG AA × Fail

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 4D3000 Background



This preview shows how black text looks on a background with the Hex color 4D3000.



This preview shows how white text looks on a background with the Hex color 4D3000.

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
4D3000

Protanopia
3E3706

Deuteranopia
453400



Tritanopia
4F2D30

Trichromacy



Original Color
4D3000

Protanomaly
433404

Deuteranomaly
483300

Tritanomaly
4E2E1F

Monochromacy



Original Color
4D3000

Achromatopsia
333333

Achromatomaly
3C3220

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3000 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 #4D3000 looks like.

```
.text, #text, p{  
    color:#4D3000  
}
```

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 #4D3000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3000
}
```

Border

The CSS property to change the border of an element to Hex 4D3000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

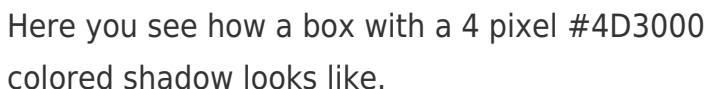
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D3000 }
```

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

```
.border{ border-color:#4D3000 }
```

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



Here you see how a box with a 4 pixel #4D3000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3000; -webkit-box-shadow:4px 4px  
4px 4px #4D3000; box-shadow:4px 4px 4px  
4px #4D3000 }
```

Background

The CSS property to change the background color of an element to Hex 4D3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3000 }
```

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

```
.background{ background-color:#4D3000 }
```

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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