

Converting Colors

Hex(4D2A00)

Have a look what the booklet for
Hex(4D2A00) contains.

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Color

Hex(4D2A00)

Conversions

Conversions Part 1

Format	Color
Hex	4D2A00
RGB	77, 42, 0
RGB Percent	30%, 16%, 0%
CMY	0.6980, 0.8353, 1.0000
CMYK	0.00, 0.45, 1.00, 0.70
HSL	33°, 100%, 15%
HSV	33°, 100%, 30%
XYZ	3.8885, 3.2337, 0.4192
YIQ	47.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

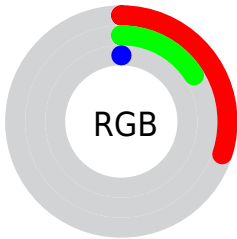
Format	Color
RYB	64, 77, 0
Decimal	5057024
CIELab	20.96, 12.99, 30.14
CIElCh	21, 32.817, 66.679
Yxy	3.2337, 0.5156, 0.4288
Android (android.graphics.Color)	4283247104 (0xFF4D2A00)
YUV	47.6770, -23.5048, 25.7163
Hunter-Lab	17.9825, 7.1294, 11.2056

Details

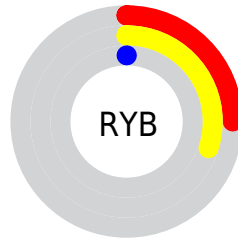
The Hex color **4D2A00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00234D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **82582F**, and **1C0000** is the 20% darker color. If you saturate the color by 10%, you get **4D2A00**, and if you desaturate by 10%, it is **4D2E08**.

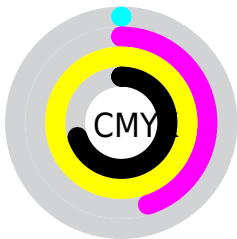
Distribution



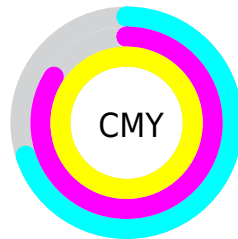
- Red (30%)
- Green (16%)
- Blue (0%)



- Red (25%)
- Yellow (30%)
- Blue (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (100%)
- Black (70%)



- Cyan (70%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2A00 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 4D2A00 by changing the saturation by 10% instead.

 4D2A00

 4D2A00

 FFFFE4

 341500

 82582F

 1C0000

 9D7046

 000000

 B9895E

 D6A477

 F3BF91

 FFDBAC

 FFF7C8

 4D2A00

■ 4D2E08

■ 4D310F

■ 4D3517

■ 4D381F

■ 4D3B27

■ 4D3F2E

■ 4D4236

■ 4D463E

■ 4D4A45

Harmonies

Analogous

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



5A1F17



4D2A00



3A3300

Triad

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



4D2A00



003D37



3A2959

Complementary

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



4D2A00



00234D

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.



003463



4D2A00



003D4F

Square

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



4D2A00



003C1E



003A5F



531E46

Rectangle

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



4D2A00



293700



003A5F



2C2D5E

Sweetspot

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



4D2A00



635646



4D0024



332B21



B3B3B3



333333

Same Dimension

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



4D2A00



633600



4A4D00



262522



663800



E67D00

Inverse Universe

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



00234D



002D63



03004D



222426



002E66



0068E6

Previews

White Background



This preview shows how the Hex color 4D2A00 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

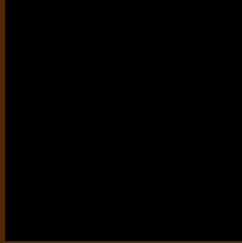
Any Text WCAG AA × Fail

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 4D2A00 Background



This preview shows how black text looks on a background with the Hex color 4D2A00.



This preview shows how white text looks on a background with the Hex color 4D2A00.

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
4D2A00

Protanopia
3A3306

Deuteranopia
413100



Tritanopia
4E272A

Trichromacy



Original Color
4D2A00

Protanomaly
413004

Deuteranomaly
452E00

Tritanomaly
4E281B

Monochromacy



Original Color
4D2A00

Achromatopsia
303030

Achromatomaly
3B2E1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2A00 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 #4D2A00 looks like.

```
.text, #text, p{  
    color:#4D2A00  
}
```

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 #4D2A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2A00
}
```

Border

The CSS property to change the border of an element to Hex 4D2A00 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
#4D2A00 }
```

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

```
.border{ border-color:#4D2A00 }
```

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

Here you see how a box with a 4 pixel #4D2A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2A00; -webkit-box-shadow:4px 4px  
4px 4px #4D2A00; box-shadow:4px 4px 4px  
4px #4D2A00 }
```

Background

The CSS property to change the background color of an element to Hex 4D2A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2A00 }
```

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

```
.background{ background-color:#4D2A00 }
```

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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