

Converting Colors

Hex(2A4D00)

Have a look what the booklet for
Hex(2A4D00) contains.

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Color

Hex(2A4D00)

Conversions

Conversions Part 1

Format	Color
Hex	2A4D00
RGB	42, 77, 0
RGB Percent	16%, 30%, 0%
CMY	0.8353, 0.6980, 1.0000
CMYK	0.45, 0.00, 1.00, 0.70
HSL	87°, 100%, 15%
HSV	87°, 100%, 30%
XYZ	3.6087, 5.8000, 0.9293
YIQ	57.7570, 3.8570, -31.3670

Conversions

Conversions Part 2

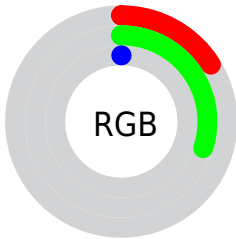
Format	Color
RYB	0, 77, 35
Decimal	2772224
CIELab	28.90, -25.49, 36.54
CIElCh	29, 44.553, 124.903
Yxy	5.8000, 0.3491, 0.5610
Android (android.graphics.Color)	4280962304 (0xFF2A4D00)
YUV	57.7570, -28.4742, -13.8189
Hunter-Lab	24.0832, -15.3984, 14.5704

Details

The Hex color **2A4D00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **23004D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5C7E33**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **2A4D00**, and if you desaturate by 10%, it is **2D4D08**.

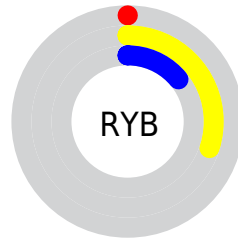
Distribution



Red (16%)

Green (30%)

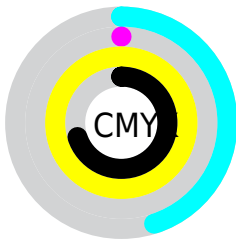
Blue (0%)



Red (0%)

Yellow (30%)

Blue (14%)

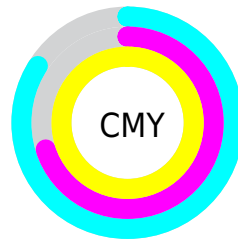


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (84%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4D00 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 2A4D00 by changing the saturation by 10% instead.

 2A4D00

 2A4D00

 FFFFEC

 123600

 5C7E33

 002100

 76984B

 000000

 90B364

 ABCF7E

 C7EB98

 E4FFB3

 FFFFCE

 2A4D00

 2D4D08

 314D0F

 344D17

 384D1F

 3B4D27

 3F4D2E

 424D36

 464D3E

 4A4D45

Harmonies

Analogous

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



4F4400



2A4D00



005225

Triad

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



2A4D00



004F83



801C40

Complementary

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



2A4D00



23004D

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.



712662



2A4D00



004789

Square

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



2A4D00



00536B



4A387D



7C271F

Rectangle

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



2A4D00



00533D



4A387D



7D1D4C

Sweetspot

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



2A4D00



566346



4D2300



2B3321



B3B3B3



333333

Same Dimension

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



2A4D00



366300



044D00



252622



386600



7DE600

Inverse Universe

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



23004D



2D0063



49004D



242226



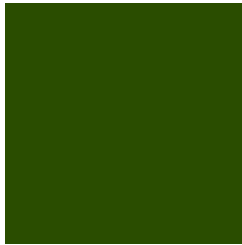
2E0066



6800E6

Previews

White Background



This preview shows how the Hex color 2A4D00 looks on a white background.

Color Contrast Check

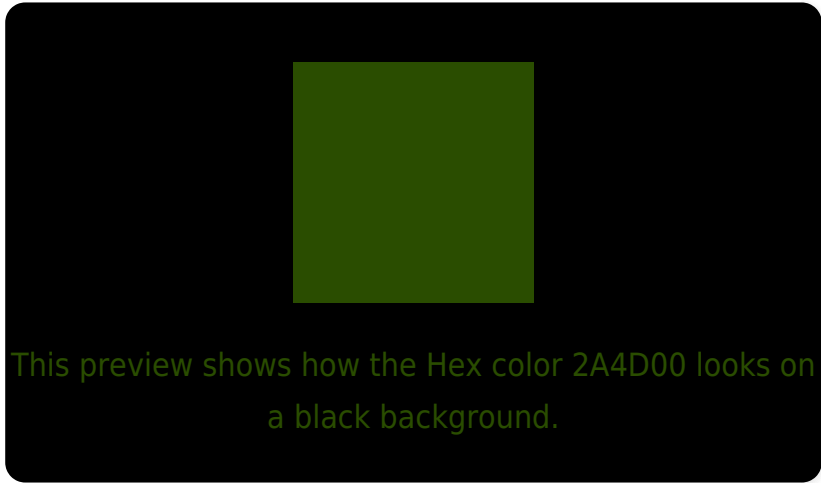
Large Text (above 18pt) WCAG AA ✓ Pass

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

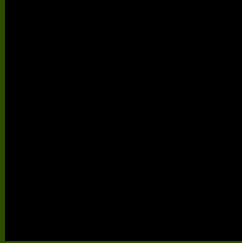
Any Text WCAG AA × Fail

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 2A4D00 Background



This preview shows how black text looks on a background with the Hex color 2A4D00.



This preview shows how white text looks on a background with the Hex color 2A4D00.

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](#).

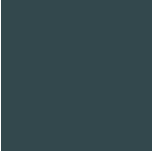
Dichromacy



Original Color
2A4D00

Protanopia
4D4400

Deuteranopia
564110



Tritanopia
33484D

Trichromacy



Original Color
2A4D00

Protanomaly
404700

Deuteranomaly
46450A

Tritanomaly
304A31

Monochromacy



Original Color
2A4D00

Achromatopsia
3A3A3A

Achromatomaly
344125

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4D00 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 #2A4D00 looks like.

```
.text, #text, p{  
    color:#2A4D00  
}
```

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 #2A4D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4D00
}
```

Border

The CSS property to change the border of an element to Hex 2A4D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

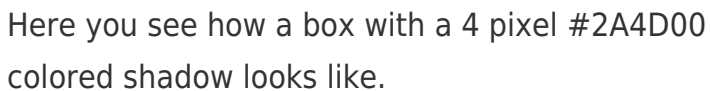
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A4D00 }
```

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

```
.border{ border-color:#2A4D00 }
```

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



Here you see how a box with a 4 pixel #2A4D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4D00; -webkit-box-shadow:4px 4px  
4px 4px #2A4D00; box-shadow:4px 4px 4px  
4px #2A4D00 }
```

Background

The CSS property to change the background color of an element to Hex 2A4D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4D00 }
```

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

```
.background{ background-color:#2A4D00 }
```

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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