

Converting Colors

Hex(2D4703)

Have a look what the booklet for
Hex(2D4703) contains.

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Color

Hex(2D4703)

Conversions

Conversions Part 1

Format	Color
Hex	2D4703
RGB	45, 71, 3
RGB Percent	18%, 28%, 1%
CMY	0.8235, 0.7216, 0.9882
CMYK	0.37, 0.00, 0.96, 0.72
HSL	83°, 92%, 15%
HSV	83°, 96%, 28%
XYZ	3.3519, 5.0709, 0.8883
YIQ	55.4740, 6.3320, -26.6600

Conversions

Conversions Part 2

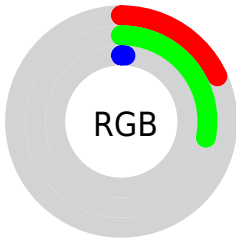
Format	Color
R_{YB}	3, 71, 29
Decimal	2967299
CIE _{Lab}	26.94, -21.10, 33.74
CIE _{LCh}	27, 39.793, 122.028
Yxy	5.0709, 0.3600, 0.5446
Android (android.graphics.Color)	4281157379 (0xFF2D4703)
YUV	55.4740, -25.8697, -9.1857
Hunter-Lab	22.5187, -12.8385, 13.4244

Details

The Hex color **2D4703** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1D0347**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5E7834**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **2C4700**, and if you desaturate by 10%, it is **30470A**.

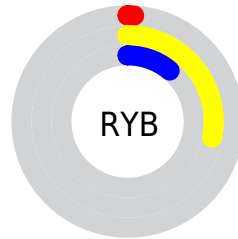
Distribution



Red (18%)

Green (28%)

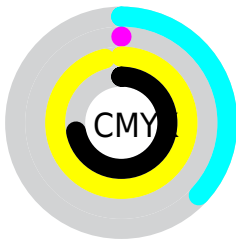
Blue (1%)



Red (1%)

Yellow (28%)

Blue (11%)

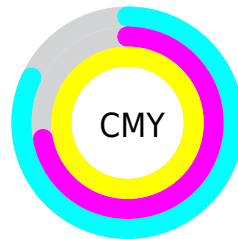


Cyan (37%)

Magenta (0%)

Yellow (96%)

Black (72%)



Cyan (82%)

Magenta (72%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4703 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 2D4703 by changing the saturation by 10% instead.

 2D4703

 2D4703

 FFFFEC

 173000

 5E7834

 001D00

 78914C

 000000

 92AC65

 ADC77E

 C9E399

 E5FFB4

 FFFFCF

 2D4703

 2D4703

■ 2C4700

■ 30470A

■ 324711

■ 354718

■ 38471F

■ 3B4727

■ 3D472E

■ 404735

■ 43473C

■ 454743

Harmonies

Analogous

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



4C3F00



2D4703



004B21

Triad

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



2D4703



004A75



741F3F

Complementary

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



2D4703



1D0347

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.



65285D



2D4703



00437D

Square

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



2D4703



004D5F



413774



732521

Rectangle

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



2D4703



004D36



413774



712049

Sweetspot

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



2D4703



525C41



471C03



282E1E



ADADAD



2E2E2E

Same Dimension

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



2D4703



395C00



0C4703



222420



3D6300



8CE300

Inverse Universe

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



1D0347



23005C



3E0347



212024



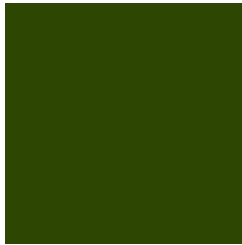
260063



5700E3

Previews

White Background



This preview shows how the Hex color 2D4703 looks on a white background.

Color Contrast Check

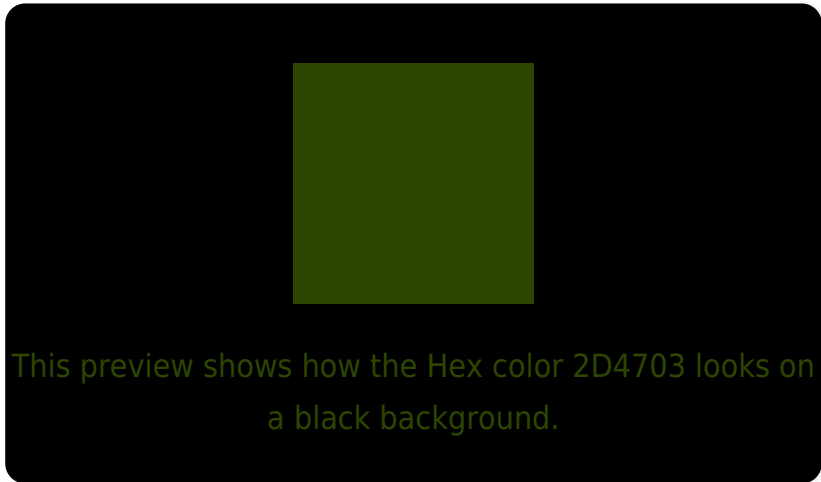
Large Text (above 18pt) WCAG AA ✓ Pass

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

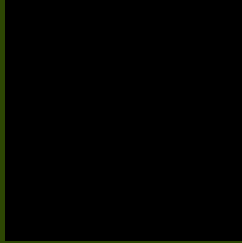
Any Text WCAG AA × Fail

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 2D4703 Background



This preview shows how black text looks on a background with the Hex color 2D4703.



This preview shows how white text looks on a background with the Hex color 2D4703.

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
2D4703

Deuteranopia
503C0E

Tritanopia
354247

Trichromacy



Original Color
2D4703

Deuteranomaly
43400A

Tritanomaly
32442E

Monochromacy



Original Color
2D4703

Achromatopsia
373737

Achromatomaly
333D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4703 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 #2D4703 looks like.

```
.text, #text, p{  
    color:#2D4703  
}
```

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 #2D4703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4703
}
```

Border

The CSS property to change the border of an element to Hex 2D4703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

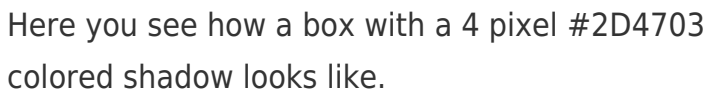
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D4703 }
```

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

```
.border{ border-color:#2D4703 }
```

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



Here you see how a box with a 4 pixel #2D4703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4703; -webkit-box-shadow:4px 4px  
4px 4px #2D4703; box-shadow:4px 4px 4px  
4px #2D4703 }
```

Background

The CSS property to change the background color of an element to Hex 2D4703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4703 }
```

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

```
.background{ background-color:#2D4703 }
```

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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