

Converting Colors

Hex(2A2700)

Have a look what the booklet for
Hex(2A2700) contains.

Hex(2A2700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A2700)

Conversions

Conversions Part 1

Format	Color
Hex	2A2700
RGB	42, 39, 0
RGB Percent	16%, 15%, 0%
CMY	0.8353, 0.8471, 1.0000
CMYK	0.00, 0.07, 1.00, 0.84
HSL	56°, 100%, 8%
HSV	56°, 100%, 16%
XYZ	1.6804, 1.9433, 0.2865
YIQ	35.4510, 14.3070, -11.4930

Conversions

Conversions Part 2

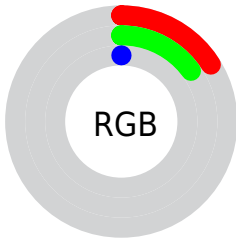
Format	Color
RYB	3, 42, 0
Decimal	2762496
CIELab	15.19, -4.17, 22.09
CIELCh	15, 22.476, 100.695
Yxy	1.9433, 0.4297, 0.4970
Android (android.graphics.Color)	4280952576 (0xFF2A2700)
YUV	35.4510, -17.4773, 5.7435
Hunter-Lab	13.9402, -2.8786, 8.5395

Details

The Hex color **2A2700** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00032A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **58542F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2700**, and if you desaturate by 10%, it is **2A2704**.

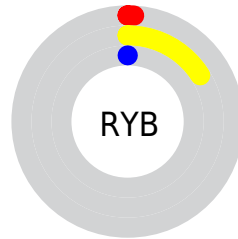
Distribution



Red (16%)

Green (15%)

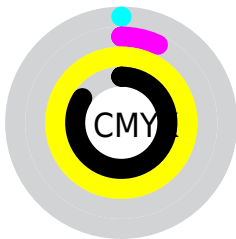
Blue (0%)



Red (1%)

Yellow (16%)

Blue (0%)

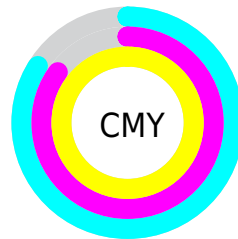


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A2700 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 2A2700 by changing the saturation by 10% instead.

 2A2700

 2A2700

 FFFFE3

 111300

 58542F

 000000

 716C46

 8B855E

 A69F77

 C1BA90

 DDD6AB

 FAF2C6

 2A2700

■ 2A2704

■ 2A2808

■ 2A280D

■ 2A2811

■ 2A2815

■ 2A2919

■ 2A291D

■ 2A2922

■ 2A2A26

Harmonies

Analogous

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



372103



2A2700



182B0C

Triad

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



2A2700



002D3A



3E1931

Complementary

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



2A2700



00032A

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.



2E1F3E



2A2700



002B44

Square

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



2A2700



002E2B



122645



431821

Rectangle

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



2A2700



072D16



122645



3A1B36

Sweetspot

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



2A2700



363425



2A0003



1C1B12



9C9C9C



1C1C1C

Same Dimension

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



2A2700



363200



192A00



141412



544E00



D4C500

Inverse Universe

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



00032A



000436



12002A



121314



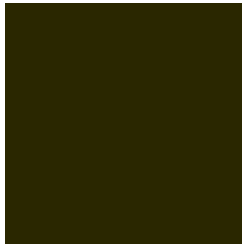
000654



000FD4

Previews

White Background



This preview shows how the Hex color 2A2700 looks on a white background.

Color Contrast Check

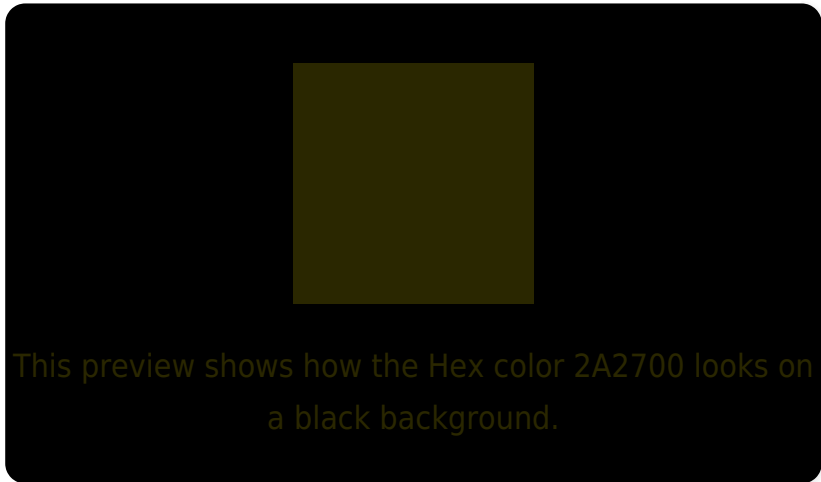
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A2700 Background



This preview shows how black text looks on a background with the Hex color 2A2700.

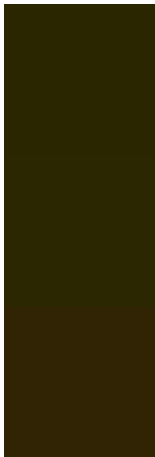


This preview shows how white text looks on a background with the Hex color 2A2700.

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
2A2700

Protanopia
2B2700

Deuteranopia
312405

Trichromacy



Original Color
2A2700

Protanomaly
2B2700

Deuteranomaly
2E2503

Tritanomaly
2B2519

Monochromacy



Original Color
2A2700

Achromatopsia
232323

Achromatomaly
262416

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2700 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 #2A2700 looks like.

```
.text, #text, p{  
    color:#2A2700  
}
```

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 #2A2700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2700
}
```

Border

The CSS property to change the border of an element to Hex 2A2700 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
#2A2700 }
```

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

```
.border{ border-color:#2A2700 }
```

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

Here you see how a box with a 4 pixel #2A2700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2700; -webkit-box-shadow:4px 4px  
4px 4px #2A2700; box-shadow:4px 4px 4px  
4px #2A2700 }
```

Background

The CSS property to change the background color of an element to Hex 2A2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2700 }
```

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

```
.background{ background-color:#2A2700 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor