

Converting Colors

Hex(2A2A00)

Have a look what the booklet for
Hex(2A2A00) contains.

Hex(2A2A00)	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(2A2A00)

Conversions

Conversions Part 1

Format	Color
Hex	2A2A00
RGB	42, 42, 0
RGB Percent	16%, 16%, 0%
CMY	0.8353, 0.8353, 1.0000
CMYK	0.00, 0.00, 1.00, 0.84
HSL	60°, 100%, 8%
HSV	60°, 100%, 16%
XYZ	1.7828, 2.1482, 0.3207
YIQ	37.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

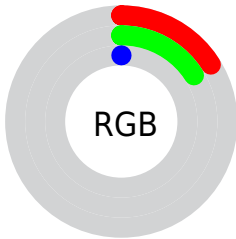
Format	Color
R_{YB}	0, 42, 0
Decimal	2763264
CIE Lab	16.25, -6.14, 23.42
CIE LCh	16, 24.217, 104.697
Yxy	2.1482, 0.4193, 0.5053
Android (android.graphics.Color)	4280953344 (0xFF2A2A00)
YUV	37.2120, -18.3455, 4.1991
Hunter-Lab	14.6566, -3.9367, 8.9624

Details

The Hex color **2A2A00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00002A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **58572F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2A00**, and if you desaturate by 10%, it is **2A2A04**.

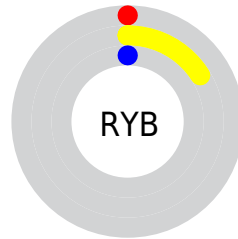
Distribution



Red (16%)

Green (16%)

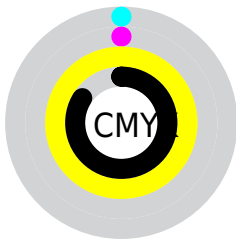
Blue (0%)



Red (0%)

Yellow (16%)

Blue (0%)

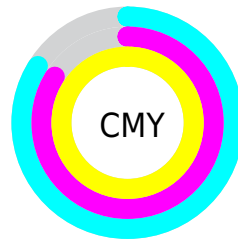


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A2A00 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 2A2A00 by changing the saturation by 10% instead.

 2A2A00

 2A2A00

 FFFFE3

 111600

 58572F

 000000

 716F46

 8B895E

 A6A377

 C1BE91

 DEDAAB

 FAF6C7

 2A2A00

■ 2A2A04

■ 2A2A08

■ 2A2A0D

■ 2A2A11

■ 2A2A15

■ 2A2A19

■ 2A2A1D

■ 2A2A22

■ 2A2A26

Harmonies

Analogous

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



392401



2A2A00



162E0E

Triad

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



2A2A00



003040



431A32

Complementary

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



2A2A00



00002A

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.



342041



2A2A00



002D49

Square

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



2A2A00



003130



17274A



481821

Rectangle

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



2A2A00



013019



17274A



3F1B37

Sweetspot

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



2A2A00



363625



2A0000



1C1C12



9C9C9C



1C1C1C

Same Dimension

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



2A2A00



363600



152A00



141412



545400



D4D400

Inverse Universe

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



00002A



000036



15002A



121214



000054



0000D4

Previews

White Background



This preview shows how the Hex color 2A2A00 looks on a white background.

Color Contrast Check

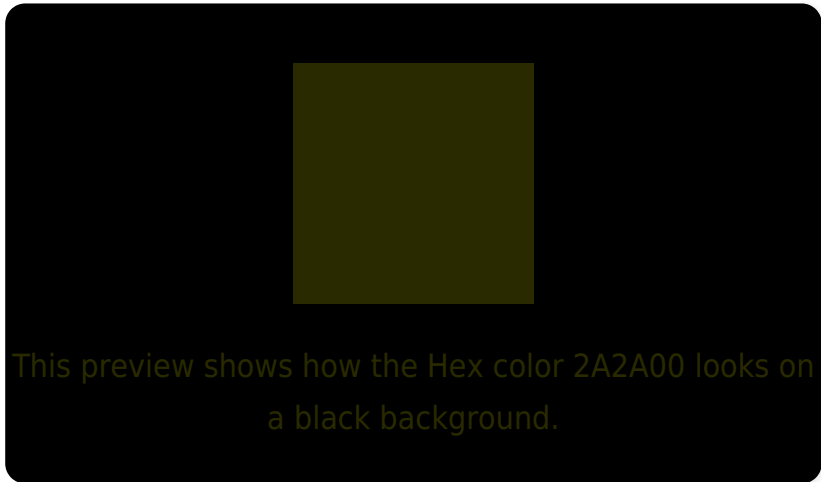
Large Text (above 18pt) WCAG AA ✓ Pass

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

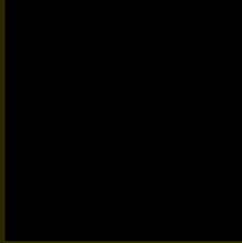
Any Text WCAG AA × Fail

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 2A2A00 Background



This preview shows how black text looks on a background with the Hex color 2A2A00.

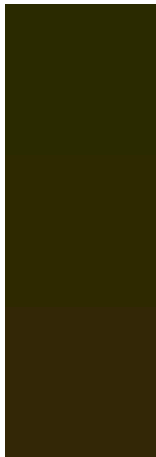


This preview shows how white text looks on a background with the Hex color 2A2A00.

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
2A2A00

Protanopia
2E2900

Deuteranopia
332706



Tritanopia
2D272A

Trichromacy



Original Color
2A2A00

Protanomaly
2D2900

Deuteranomaly
302804

Tritanomaly
2C281B

Monochromacy



Original Color
2A2A00

Achromatopsia
252525

Achromatomaly
272718

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2A00 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 #2A2A00 looks like.

```
.text, #text, p{  
    color:#2A2A00  
}
```

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 #2A2A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2A00
}
```

Border

The CSS property to change the border of an element to Hex 2A2A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

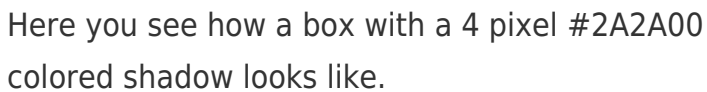
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2A00 }
```

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

```
.border{ border-color:#2A2A00 }
```

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



Here you see how a box with a 4 pixel #2A2A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2A00; -webkit-box-shadow:4px 4px  
4px 4px #2A2A00; box-shadow:4px 4px 4px  
4px #2A2A00 }
```

Background

The CSS property to change the background color of an element to Hex 2A2A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2A00 }
```

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

```
.background{ background-color:#2A2A00 }
```

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