

Converting Colors

Hex(2A2900)

Have a look what the booklet for
Hex(2A2900) contains.

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Color

Hex(2A2900)

Conversions

Conversions Part 1

Format	Color
Hex	2A2900
RGB	42, 41, 0
RGB Percent	16%, 16%, 0%
CMY	0.8353, 0.8392, 1.0000
CMYK	0.00, 0.02, 1.00, 0.84
HSL	59°, 100%, 8%
HSV	59°, 100%, 16%
XYZ	1.7478, 2.0781, 0.3090
YIQ	36.6250, 13.7570, -12.5390

Conversions

Conversions Part 2

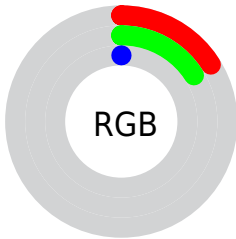
Format	Color
R _Y B	1, 42, 0
Decimal	2763008
CIE Lab	15.89, -5.49, 22.98
CIE LCh	16, 23.627, 103.441
Yxy	2.0781, 0.4227, 0.5026
Android (android.graphics.Color)	4280953088 (0xFF2A2900)
YUV	36.6250, -18.0561, 4.7139
Hunter-Lab	14.4157, -3.5858, 8.8201

Details

The Hex color **2A2900** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00012A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **58562F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2900**, and if you desaturate by 10%, it is **2A2904**.

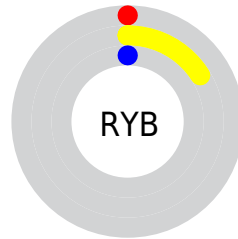
Distribution



Red (16%)

Green (16%)

Blue (0%)



Red (0%)

Yellow (16%)

Blue (0%)

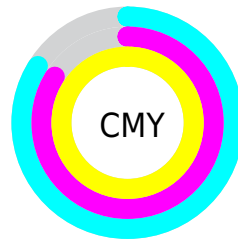


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A2900 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 2A2900 by changing the saturation by 10% instead.

 2A2900

 2A2900

 FFFFE3

 111500

 58562F

 000000

 716E46

 8B885E

 A6A277

 C1BD91

 DDD9AB

 FAF5C7

 2A2900

■ 2A2904

■ 2A2908

■ 2A290D

■ 2A2911

■ 2A2915

■ 2A2A19

■ 2A2A1D

■ 2A2A22

■ 2A2A26

Harmonies

Analogous

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



392302



2A2900



172D0D

Triad

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



2A2900



002F3E



411A32

Complementary

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



2A2900



00012A

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.



322040



2A2900



002C48

Square

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



2A2900



00302F



162748



461821

Rectangle

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



2A2900



032F18



162748



3D1B37

Sweetspot

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



2A2900



363525



2A0001



1C1C12



9C9C9C



1C1C1C

Same Dimension

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



2A2900



363400



162A00



141412



545200



D4CF00

Inverse Universe

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



00012A



000136



14002A



121214



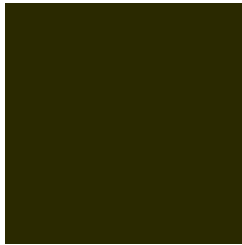
000254



0005D4

Previews

White Background



This preview shows how the Hex color 2A2900 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

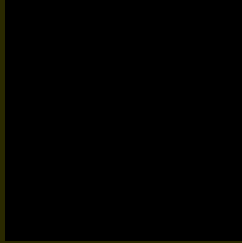
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

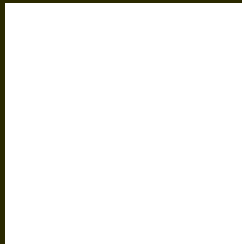
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A2900 Background



This preview shows how black text looks on a background with the Hex color 2A2900.

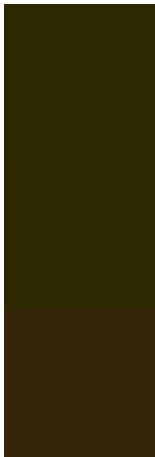


This preview shows how white text looks on a background with the Hex color 2A2900.

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
2A2900

Protanopia
2D2800

Deuteranopia
322606



Tritanopia
2D2629

Trichromacy



Original Color
2A2900

Protanomaly
2C2800

Deuteranomaly
2F2704

Tritanomaly
2C271A

Monochromacy



Original Color
2A2900

Achromatopsia
252525

Achromatomaly
272618

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2900 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 #2A2900 looks like.

```
.text, #text, p{  
    color:#2A2900  
}
```

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 #2A2900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2900
}
```

Border

The CSS property to change the border of an element to Hex 2A2900 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".

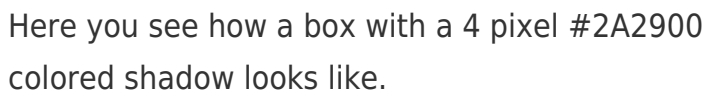
```
.border, #border, table{ border:4px solid
#2A2900 }
```

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

```
.border{ border-color:#2A2900 }
```

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

Here you see how a box with a 4 pixel #2A2900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2900; -webkit-box-shadow:4px 4px  
4px 4px #2A2900; box-shadow:4px 4px 4px  
4px #2A2900 }
```

Background

The CSS property to change the background color of an element to Hex 2A2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2900 }
```

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

```
.background{ background-color:#2A2900 }
```

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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