

Converting Colors

Hex(2A2805)

Have a look what the booklet for
Hex(2A2805) contains.

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Color

Hex(2A2805)

Conversions

Conversions Part 1

Format	Color
Hex	2A2805
RGB	42, 40, 5
RGB Percent	16%, 16%, 2%
CMY	0.8353, 0.8431, 0.9804
CMYK	0.00, 0.05, 0.88, 0.84
HSL	57°, 79%, 9%
HSV	57°, 88%, 16%
XYZ	1.7410, 2.0208, 0.4419
YIQ	36.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

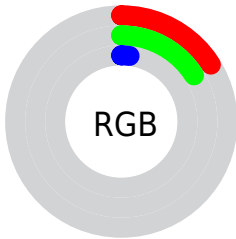
Format	Color
R_YB	7, 42, 5
Decimal	2762757
CIE Lab	15.60, -4.39, 20.57
CIE LCh	16, 21.032, 102.037
Yxy	2.0208, 0.4142, 0.4807
Android (android.graphics.Color)	4280952837 (0xFF2A2805)
YUV	36.6080, -15.5827, 4.7288
Hunter-Lab	14.2154, -3.0152, 8.1078

Details

The Hex color **2A2805** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **05072A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **585532**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2801**, and if you desaturate by 10%, it is **2A2809**.

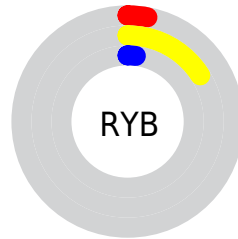
Distribution



Red (16%)

Green (16%)

Blue (2%)



Red (3%)

Yellow (16%)

Blue (2%)

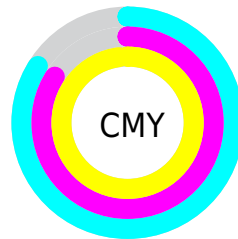


Cyan (0%)

Magenta (5%)

Yellow (88%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2805 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 2A2805 by changing the saturation by 10% instead.

 2A2805

 2A2805

 FFFFE7

 121400

 585532

 000000

 716D49

 8B8661

 A6A17A

 C1BB94

 DDD7AF

 FAF4CB

 2A2805

 2A2805

■ 2A2801

■ 2A2809

■ 2A2800

■ 2A280D

■ 2A2912

■ 2A2916

■ 2A291A

■ 2A291E

■ 2A2A22

■ 2A2A27

■ 2A2A2B

Harmonies

Analogous

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



372307



2A2805



192C0F

Triad

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



2A2805



002E3A



3E1B30

Complementary

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



2A2805



05072A

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.



30213D



2A2805



002B43

Square

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



2A2805



002E2D



172644



431A21

Rectangle

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



2A2805



0A2D18



172644



3A1D35

Sweetspot

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



2A2805



363528



2A0507



1C1C13



9C9C9C



1C1C1C

Same Dimension

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



2A2805



363300



1A2A05



141412



545000



D4C800

Inverse Universe

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



05072A



000336



15052A



121214



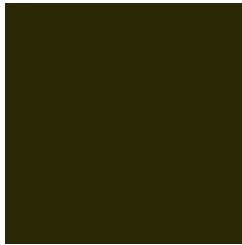
000554



000BD4

Previews

White Background



This preview shows how the Hex color 2A2805 looks on a white background.

Color Contrast Check

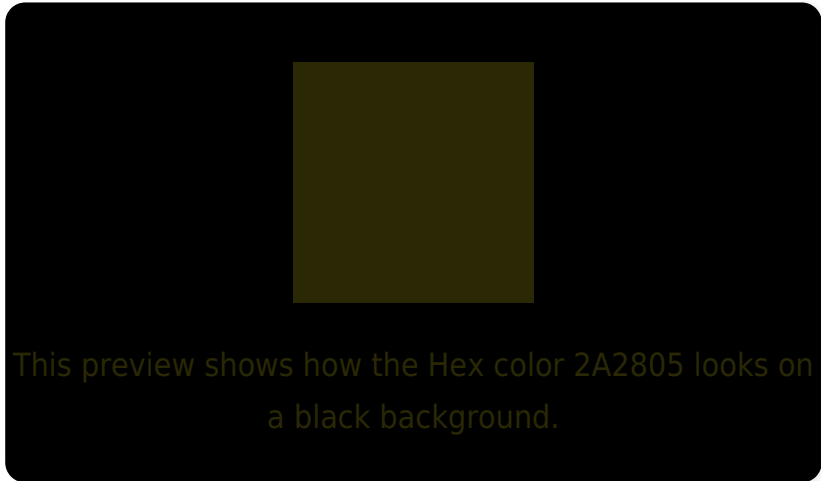
Large Text (above 18pt) WCAG AA ✓ Pass

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

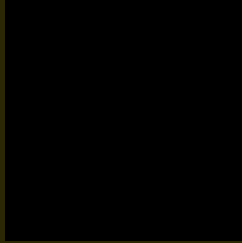
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

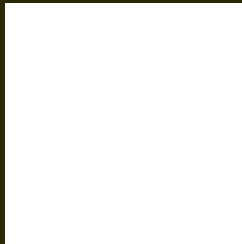
Any Text WCAG AAA × Fail

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

Hex 2A2805 Background



This preview shows how black text looks on a background with the Hex color 2A2805.

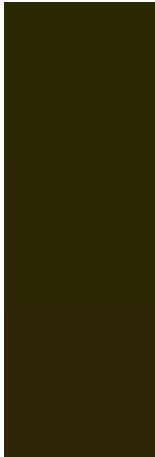


This preview shows how white text looks on a background with the Hex color 2A2805.

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
2A2805

Protanopia
2C2705

Deuteranopia
312507

Trichromacy



Original Color
2A2805

Protanomaly
2B2705

Deuteranomaly
2E2606

Tritanomaly
2B261B

Monochromacy



Original Color
2A2805

Achromatopsia
252525

Achromatomaly
272619

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2805 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 #2A2805 looks like.

```
.text, #text, p{  
    color:#2A2805  
}
```

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 #2A2805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2805  
}
```

Border

The CSS property to change the border of an element to Hex 2A2805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

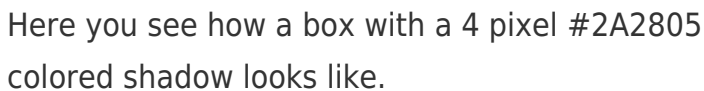
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2A2805 }
```

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

```
.border{ border-color:#2A2805 }
```

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



Here you see how a box with a 4 pixel #2A2805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2805; -webkit-box-shadow:4px 4px  
4px 4px #2A2805; box-shadow:4px 4px 4px  
4px #2A2805 }
```

Background

The CSS property to change the background color of an element to Hex 2A2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2805 }
```

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

```
.background{ background-color:#2A2805 }
```

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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