

Converting Colors

Hex(2C2A06)

Have a look what the booklet for
Hex(2C2A06) contains.

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Color

Hex(2C2A06)

Conversions

Conversions Part 1

Format	Color
Hex	2C2A06
RGB	44, 42, 6
RGB Percent	17%, 16%, 2%
CMY	0.8275, 0.8353, 0.9765
CMYK	0.00, 0.05, 0.86, 0.83
HSL	57°, 76%, 10%
HSV	57°, 86%, 17%
XYZ	1.8995, 2.2046, 0.4977
YIQ	38.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

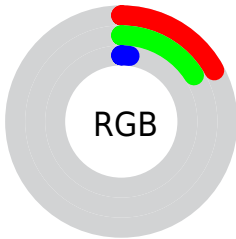
Format	Color
RYB	8, 44, 6
Decimal	2894342
CIELab	16.53, -4.51, 21.37
CIELCh	17, 21.845, 101.917
Yxy	2.2046, 0.4128, 0.4791
Android (android.graphics.Color)	4281084422 (0xFF2C2A06)
YUV	38.4940, -16.0195, 4.8288
Hunter-Lab	14.8477, -3.1471, 8.4060

Details

The Hex color **2C2A06** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **06082C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5B5733**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C2A02**, and if you desaturate by 10%, it is **2C2A0A**.

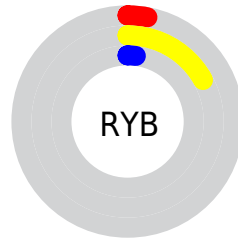
Distribution



Red (17%)

Green (16%)

Blue (2%)



Red (3%)

Yellow (17%)

Blue (2%)

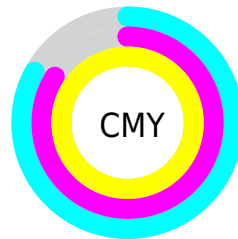


Cyan (0%)

Magenta (5%)

Yellow (86%)

Black (83%)



Cyan (83%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2A06 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 2C2A06 by changing the saturation by 10% instead.

 2C2A06

 2C2A06

 FFFFE8

 151600

 5B5733

 000000

 746F4A

 8E8962

 A8A37B

 C4BE95

 E0DAB0

 FDF6CC

 2C2A06

 2C2A06

■ 2C2A02

■ 2C2A0A

■ 2C2A00

■ 2C2A0F

■ 2C2B13

■ 2C2B18

■ 2C2B1C

■ 2C2B20

■ 2C2C25

■ 2C2C29

■ 2C2C2E

Harmonies

Analogous

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



3A2508



2C2A06



1B2E10

Triad

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



2C2A06



00303D



401D33

Complementary

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



2C2A06



06082C

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.



322240



2C2A06



002D46

Square

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



2C2A06



00312F



182847



461B23

Rectangle

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



2C2A06



0A2F1A



182847



3D1E38

Sweetspot

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



2C2A06



38372A



2C0609



1C1C13



9C9C9C



1C1C1C

Same Dimension

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



2C2A06



383500



1C2C06



171715



575200



D6CB00

Inverse Universe

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



06082C



000338



16062C



151517



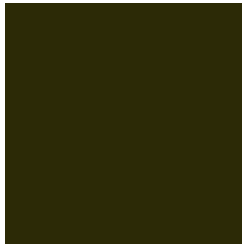
000557



000BD6

Previews

White Background



This preview shows how the Hex color 2C2A06 looks on a white background.

Color Contrast Check

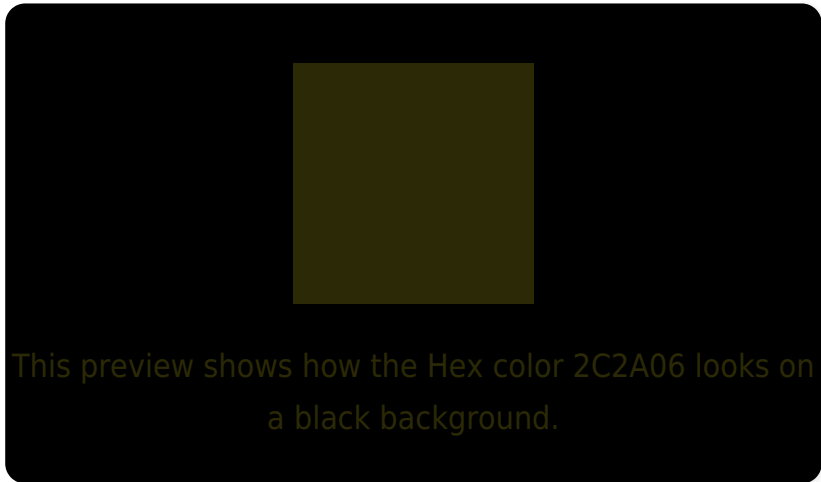
Large Text (above 18pt) WCAG AA ✓ Pass

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

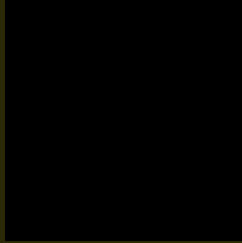
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

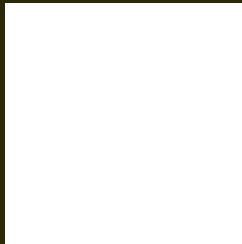
Any Text WCAG AAA × Fail

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

Hex 2C2A06 Background



This preview shows how black text looks on a background with the Hex color 2C2A06.

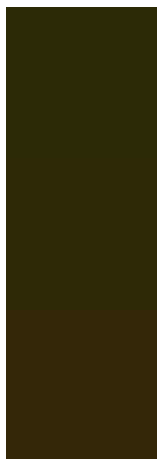


This preview shows how white text looks on a background with the Hex color 2C2A06.

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
2C2A06

Protanopia
2E2906

Deuteranopia
342708



Tritanopia
2F272A

Trichromacy



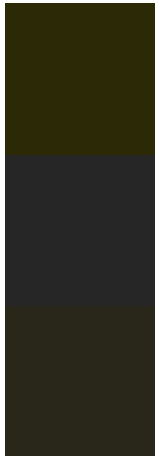
Original Color
2C2A06

Protanomaly
2D2906

Deuteranomaly
312807

Tritanomaly
2E281D

Monochromacy



Original Color
2C2A06

Achromatopsia
262626

Achromatomaly
28271A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2A06 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 #2C2A06 looks like.

```
.text, #text, p{  
    color:#2C2A06  
}
```

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 #2C2A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2A06
}
```

Border

The CSS property to change the border of an element to Hex 2C2A06 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
#2C2A06 }
```

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

```
.border{ border-color:#2C2A06 }
```

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

Here you see how a box with a 4 pixel #2C2A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2A06; -webkit-box-shadow:4px 4px  
4px 4px #2C2A06; box-shadow:4px 4px 4px  
4px #2C2A06 }
```

Background

The CSS property to change the background color of an element to Hex 2C2A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2A06 }
```

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

```
.background{ background-color:#2C2A06 }
```

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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