

Converting Colors

Hex(2C4D0A)

Have a look what the booklet for
Hex(2C4D0A) contains.

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Color

Hex(2C4D0A)

Conversions

Conversions Part 1

Format	Color
Hex	2C4D0A
RGB	44, 77, 10
RGB Percent	17%, 30%, 4%
CMY	0.8275, 0.6980, 0.9608
CMYK	0.43, 0.00, 0.87, 0.70
HSL	90°, 77%, 17%
HSV	90°, 87%, 30%
XYZ	3.7474, 5.8651, 1.2217
YIQ	59.4950, 1.8390, -27.8330

Conversions

Conversions Part 2

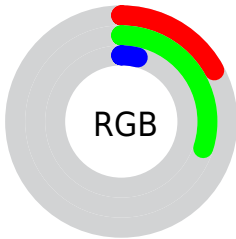
Format	Color
RYB	10, 77, 43
Decimal	2903306
CIELab	29.07, -24.09, 32.93
CIElCh	29, 40.801, 126.186
Yxy	5.8651, 0.3459, 0.5414
Android (android.graphics.Color)	4281093386 (0xFF2C4D0A)
YUV	59.4950, -24.4010, -13.5891
Hunter-Lab	24.2181, -14.7615, 13.9616

Details

The Hex color **2C4D0A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2B0A4D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5D7E3A**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **284D02**, and if you desaturate by 10%, it is **304D12**.

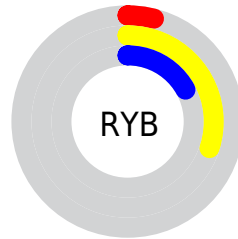
Distribution



Red (17%)

Green (30%)

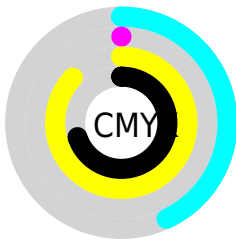
Blue (4%)



Red (4%)

Yellow (30%)

Blue (17%)

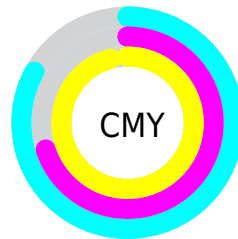


Cyan (43%)

Magenta (0%)

Yellow (87%)

Black (70%)



Cyan (83%)

Magenta (70%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4D0A 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 2C4D0A by changing the saturation by 10% instead.

 2C4D0A

 2C4D0A

 FFFFF4

 163600

 5D7E3A

 002100

 779852

 000000

 91B36B

 ACCF85

 C8EBA0

 E5FFBB

 FFFFD7

 2C4D0A

 2C4D0A

■ 284D02

■ 304D12

■ 274D00

■ 344D19

■ 374D21

■ 3B4D29

■ 3F4D31

■ 434D38

■ 474D40

■ 4A4D48

■ 4E4D4F

Harmonies

Analogous

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



4D4500



2C4D0A



00512A

Triad

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



2C4D0A



004F7E



7C233F

Complementary

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



2C4D0A



2B0A4D

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.



6F2A5F



2C4D0A



004684

Square

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



2C4D0A



005269



4D3978



782B21

Rectangle

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



2C4D0A



00533F



4D3978



7A244A

Sweetspot

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



2C4D0A



57634A



4D2A0A



2B3323



B3B3B3



333333

Same Dimension

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



2C4D0A



326300



0B4D0A



242622



346600



74E600

Inverse Universe

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



2B0A4D



310063



4C0A4D



242226



320066



7100E6

Previews

White Background



This preview shows how the Hex color 2C4D0A looks on a white background.

Color Contrast Check

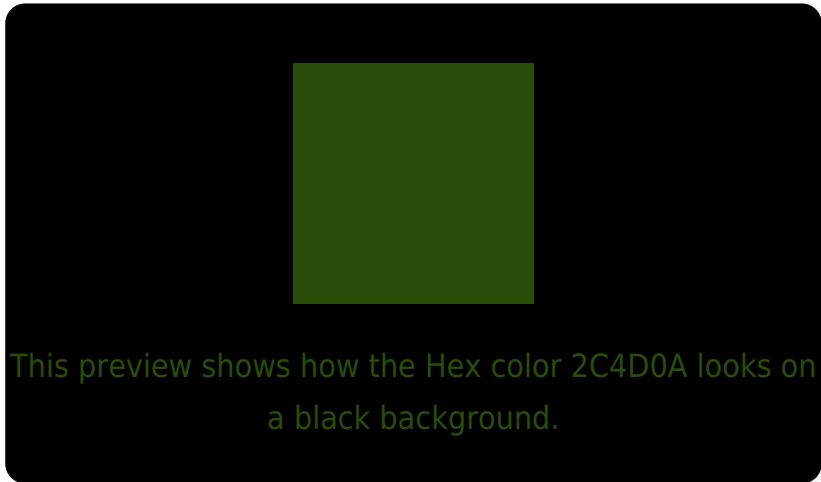
Large Text (above 18pt) WCAG AA ✓ Pass

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

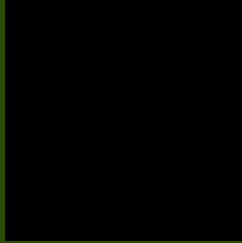
Any Text WCAG AA × Fail

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 2C4D0A Background



This preview shows how black text looks on a background with the Hex color 2C4D0A.



This preview shows how white text looks on a background with the Hex color 2C4D0A.

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](#).

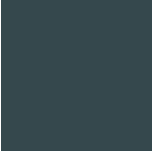
Dichromacy



Original Color
2C4D0A

Protanopia
4D4507

Deuteranopia
564112



Tritanopia
35484D

Trichromacy



Original Color
2C4D0A

Protanomaly
414808

Deuteranomaly
47450F

Tritanomaly
324A35

Monochromacy



Original Color
2C4D0A

Achromatopsia
3B3B3B

Achromatomaly
364229

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4D0A 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 #2C4D0A looks like.

```
.text, #text, p{  
    color:#2C4D0A  
}
```

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 #2C4D0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4D0A
}
```

Border

The CSS property to change the border of an element to Hex 2C4D0A 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".

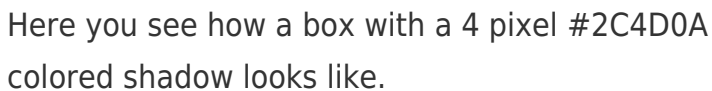
```
.border, #border, table{ border:4px solid
#2C4D0A }
```

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

```
.border{ border-color:#2C4D0A }
```

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

Here you see how a box with a 4 pixel #2C4D0A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4D0A; -webkit-box-shadow:4px 4px  
4px 4px #2C4D0A; box-shadow:4px 4px 4px  
4px #2C4D0A }
```

Background

The CSS property to change the background color of an element to Hex 2C4D0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4D0A }
```

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

```
.background{ background-color:#2C4D0A }
```

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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