

Converting Colors

Hex(2C4A08)

Have a look what the booklet for
Hex(2C4A08) contains.

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Color

Hex(2C4A08)

Conversions

Conversions Part 1

Format	Color
Hex	2C4A08
RGB	44, 74, 8
RGB Percent	17%, 29%, 3%
CMY	0.8275, 0.7098, 0.9686
CMYK	0.41, 0.00, 0.89, 0.71
HSL	87°, 80%, 16%
HSV	87°, 89%, 29%
XYZ	3.5313, 5.4506, 1.0957
YIQ	57.5060, 3.3060, -26.8860

Conversions

Conversions Part 2

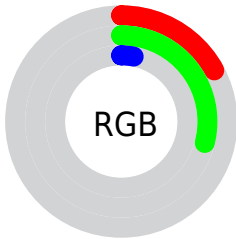
Format	Color
RYB	8, 74, 38
Decimal	2902536
CIELab	27.98, -22.74, 32.65
CIElCh	28, 39.787, 124.849
Yxy	5.4506, 0.3504, 0.5409
Android (android.graphics.Color)	4281092616 (0xFF2C4A08)
YUV	57.5060, -24.4065, -11.8448
Hunter-Lab	23.3464, -13.8569, 13.5600

Details

The Hex color **2C4A08** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26084A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5D7B38**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **294A01**, and if you desaturate by 10%, it is **2F4A0F**.

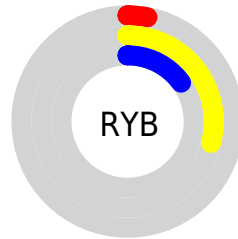
Distribution



Red (17%)

Green (29%)

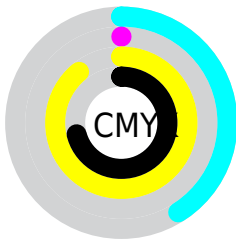
Blue (3%)



Red (3%)

Yellow (29%)

Blue (15%)

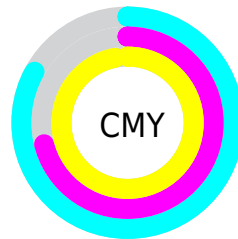


Cyan (41%)

Magenta (0%)

Yellow (89%)

Black (71%)



Cyan (83%)

Magenta (71%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4A08 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 2C4A08 by changing the saturation by 10% instead.

 2C4A08

 2C4A08

 FFFFF1


 163300

 5D7B38

 001F00

 779550

 000000

 91B069

 ACCB83

 C8E79D

 E4FFB9

 FFFF D5

 2C4A08

 2C4A08

■ 294A01

■ 2F4A0F

■ 284A00

■ 334A17

■ 364A1E

■ 394A26

■ 3D4A2D

■ 404A34

■ 444A3C

■ 474A43

■ 4A4A4B

Harmonies

Analogous

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



4C4200



2C4A08



004E27

Triad

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



2C4A08



004C79



78223E

Complementary

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



2C4A08



26084A

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.



6A295D



2C4A08



00447F

Square

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



2C4A08



004F64



483875



752921

Rectangle

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



2C4A08



00503C



483875



752249

Sweetspot

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



2C4A08



556147



4A2608



293021



B0B0B0



303030

Same Dimension

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



2C4A08



356100



0B4A08



252622



386600



7DE600

Inverse Universe

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



26084A



2C0061



47084A



242226



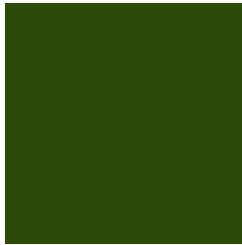
2E0066



6800E6

Previews

White Background



This preview shows how the Hex color 2C4A08 looks on a white background.

Color Contrast Check

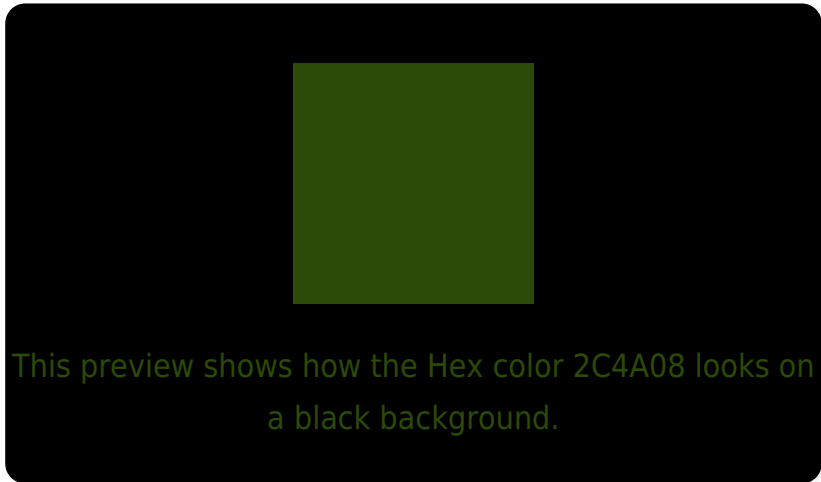
Large Text (above 18pt) WCAG AA ✓ Pass

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

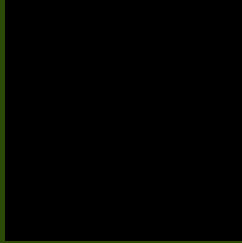
Any Text WCAG AA × Fail

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 2C4A08 Background



This preview shows how black text looks on a background with the Hex color 2C4A08.



This preview shows how white text looks on a background with the Hex color 2C4A08.

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](#).

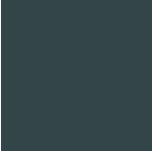
Dichromacy



Original Color
2C4A08

Protanopia
4A205

Deuteranopia
533F10



Tritanopia
34454A

Trichromacy



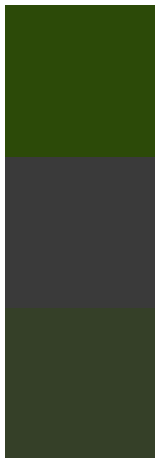
Original Color
2C4A08

Protanomaly
3F4506

Deuteranomaly
45430D

Tritanomaly
314732

Monochromacy



Original Color
2C4A08

Achromatopsia
3A3A3A

Achromatomaly
354028

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4A08 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 #2C4A08 looks like.

```
.text, #text, p{  
    color:#2C4A08  
}
```

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 #2C4A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4A08  
}
```

Border

The CSS property to change the border of an element to Hex 2C4A08 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  
#2C4A08 }
```

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

```
.border{ border-color:#2C4A08 }
```

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

Here you see how a box with a 4 pixel #2C4A08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4A08; -webkit-box-shadow:4px 4px  
4px 4px #2C4A08; box-shadow:4px 4px 4px  
4px #2C4A08 }
```

Background

The CSS property to change the background color of an element to Hex 2C4A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4A08 }
```

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

```
.background{ background-color:#2C4A08 }
```

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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