

Converting Colors

Hex(2C4807)

Have a look what the booklet for
Hex(2C4807) contains.

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Color

Hex(2C4807)

Conversions

Conversions Part 1

Format	Color
Hex	2C4807
RGB	44, 72, 7
RGB Percent	17%, 28%, 3%
CMY	0.8275, 0.7176, 0.9725
CMYK	0.39, 0.00, 0.90, 0.72
HSL	86°, 82%, 15%
HSV	86°, 90%, 28%
XYZ	3.3944, 5.1855, 1.0230
YIQ	56.2180, 4.1770, -26.1510

Conversions

Conversions Part 2

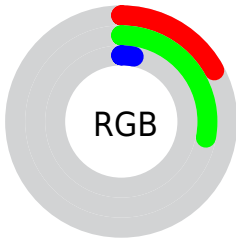
Format	Color
RYB	7, 72, 35
Decimal	2902023
CIELab	27.26, -21.80, 32.38
CIElCh	27, 39.031, 123.947
Yxy	5.1855, 0.3535, 0.5400
Android (android.graphics.Color)	4281092103 (0xFF2C4807)
YUV	56.2180, -24.2645, -10.7152
Hunter-Lab	22.7718, -13.2430, 13.2767

Details

The Hex color **2C4807** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **230748**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5D7937**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **294800**, and if you desaturate by 10%, it is **2F480E**.

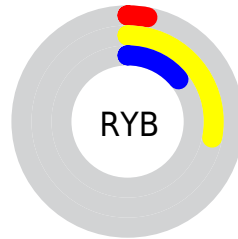
Distribution



Red (17%)

Green (28%)

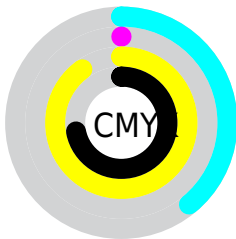
Blue (3%)



Red (3%)

Yellow (28%)

Blue (14%)

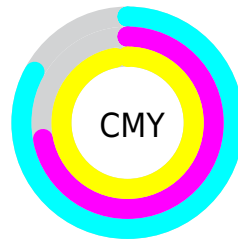


Cyan (39%)

Magenta (0%)

Yellow (90%)

Black (72%)



Cyan (83%)

Magenta (72%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4807 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 2C4807 by changing the saturation by 10% instead.

 2C4807

 2C4807

 FFFFF0

 163100

 5D7937

 001E00

 76934F

 000000

 91AD68

 ACC982

 C8E59C

 E4FFB7

 FFFFD3

 2C4807

 2C4807

■ 294800

■ 2F480E

■ 324815

■ 35481D

■ 384824

■ 3C482B

■ 3F4832

■ 424839

■ 454841

■ 484848

Harmonies

Analogous

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



4B4000



2C4807



004C25

Triad

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



2C4807



004A76



75213E

Complementary

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



2C4807



230748

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.



67285B



2C4807



00437C

Square

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



2C4807



004E61



453772



722821

Rectangle

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



2C4807



004E39



453772



722248

Sweetspot

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



2C4807



535E45



482207



2A3021



B0B0B0



303030

Same Dimension

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



2C4807



365E00



0C4807



222420



396300



81E300

Inverse Universe

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



230748



29005E



430748



222024



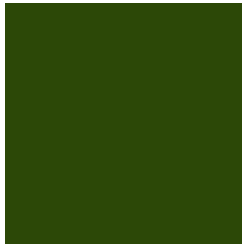
2B0063



6200E3

Previews

White Background



This preview shows how the Hex color 2C4807 looks on a white background.

Color Contrast Check

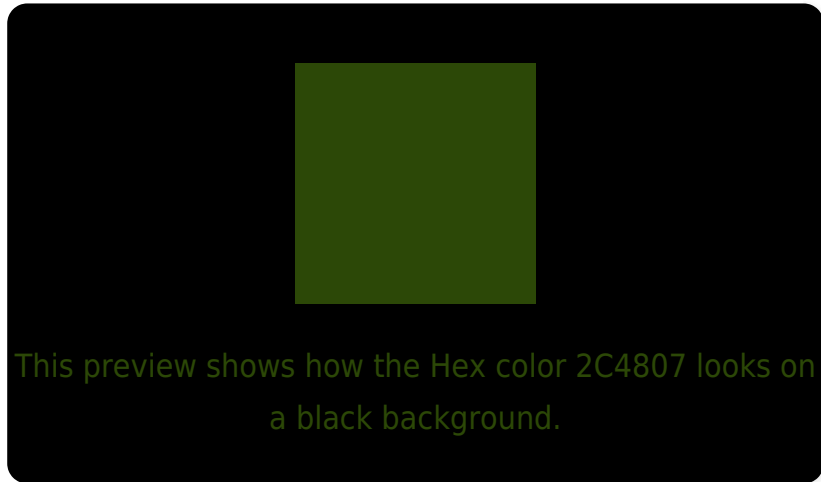
Large Text (above 18pt) WCAG AA ✓ Pass

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

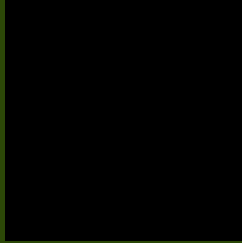
Any Text WCAG AA × Fail

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 2C4807 Background



This preview shows how black text looks on a background with the Hex color 2C4807.



This preview shows how white text looks on a background with the Hex color 2C4807.

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](#).

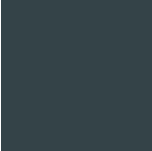
Dichromacy



Original Color
2C4807

Protanopia
494103

Deuteranopia
513D10



Tritanopia
344348

Trichromacy



Original Color
2C4807

Protanomaly
3E4404

Deuteranomaly
44410D

Tritanomaly
314530

Monochromacy



Original Color
2C4807

Achromatopsia
383838

Achromatomaly
343E26

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4807 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 #2C4807 looks like.

```
.text, #text, p{  
    color:#2C4807  
}
```

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 #2C4807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4807
}
```

Border

The CSS property to change the border of an element to Hex 2C4807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

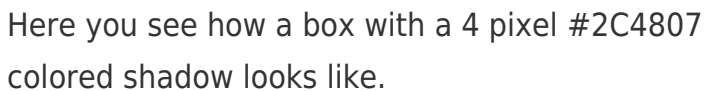
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C4807 }
```

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

```
.border{ border-color:#2C4807 }
```

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



Here you see how a box with a 4 pixel #2C4807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4807; -webkit-box-shadow:4px 4px  
4px 4px #2C4807; box-shadow:4px 4px 4px  
4px #2C4807 }
```

Background

The CSS property to change the background color of an element to Hex 2C4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4807 }
```

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

```
.background{ background-color:#2C4807 }
```

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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