

Converting Colors

Hex(2C4822)

Have a look what the booklet for
Hex(2C4822) contains.

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Color

Hex(2C4822)

Conversions

Conversions Part 1

Format	Color
Hex	2C4822
RGB	44, 72, 34
RGB Percent	17%, 28%, 13%
CMY	0.8275, 0.7176, 0.8667
CMYK	0.39, 0.00, 0.53, 0.72
HSL	104°, 36%, 21%
HSV	104°, 53%, 28%
XYZ	3.6448, 5.2857, 2.3415
YIQ	59.2960, -4.4900, -17.7540

Conversions

Conversions Part 2

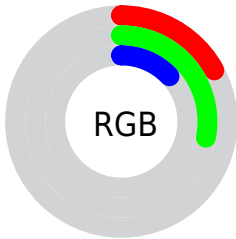
Format	Color
R_{YB}	34, 72, 62
Decimal	2902050
CIE _{Lab}	27.53, -19.04, 19.44
CIE _{LCh}	28, 27.209, 134.397
Yxy	5.2857, 0.3233, 0.4689
Android (android.graphics.Color)	4281092130 (0xFF2C4822)
YUV	59.2960, -12.4709, -13.4146
Hunter-Lab	22.9906, -11.9353, 10.0550

Details

The Hex color **2C4822** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3E2248**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5B794F**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **27481B**, and if you desaturate by 10%, it is **314829**.

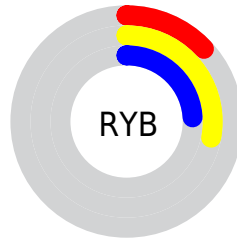
Distribution



Red (17%)

Green (28%)

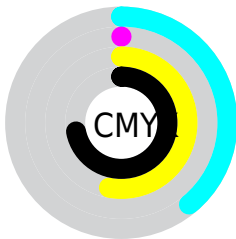
Blue (13%)



Red (13%)

Yellow (28%)

Blue (24%)

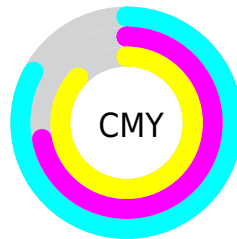


Cyan (39%)

Magenta (0%)

Yellow (53%)

Black (72%)



Cyan (83%)

Magenta (72%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4822 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 2C4822 by changing the saturation by 10% instead.

 2C4822

 2C4822

FFFFFF

 16310D

 5B794F

 001D00

 749368

 000000

 8EAD81

 A9C99B

 C5E5B6

 E1FFD2

 FDFFE0

 2C4822

 2C4822

■ 27481B

■ 314829

■ 214814

■ 374830

■ 1C480C

■ 3C4838

■ 174805

■ 41483F

■ 134800

■ 474846

■ 4C484D

■ 514854

■ 56485C

■ 5C4863

Harmonies

Analogous

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



434317



2C4822



044B35

Triad

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



2C4822



004669



682F38

Complementary

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



2C4822



3E2248

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.



62314D



2C4822



304069

Square

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



2C4822



004A5E



4F375F



633425

Rectangle

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



2C4822



004B44



4F375F



672F3F

Sweetspot

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



2C4822



535E4F



483E22



2A3027



B0B0B0



303030

Same Dimension

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



2C4822



335E23



22482B



212420



1A6300



3CE300

Inverse Universe

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



3E2248



4F235E



48223F



232024



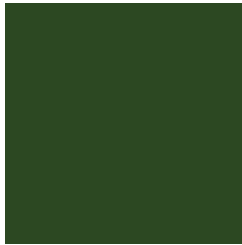
490063



A700E3

Previews

White Background



This preview shows how the Hex color 2C4822 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

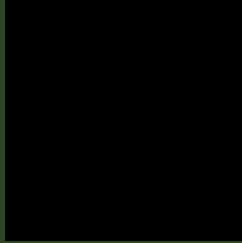
Any Text WCAG AA × Fail

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 2C4822 Background



This preview shows how black text looks on a background with the Hex color 2C4822.



This preview shows how white text looks on a background with the Hex color 2C4822.

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](#).

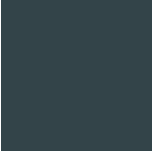
Dichromacy



Original Color
2C4822

Protanopia
484120

Deuteranopia
4F3E25



Tritanopia
334449

Trichromacy



Original Color
2C4822

Protanomaly
3E4421

Deuteranomaly
424224

Tritanomaly
30453B

Monochromacy



Original Color
2C4822

Achromatopsia
3B3B3B

Achromatomaly
364032

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4822 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 #2C4822 looks like.

```
.text, #text, p{  
    color:#2C4822  
}
```

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 #2C4822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4822
}
```

Border

The CSS property to change the border of an element to Hex 2C4822 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".

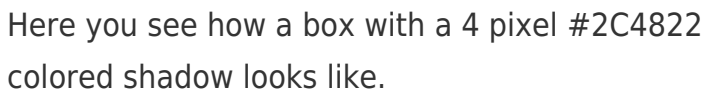
```
.border, #border, table{ border:4px solid
#2C4822 }
```

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

```
.border{ border-color:#2C4822 }
```

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

Here you see how a box with a 4 pixel #2C4822 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4822; -webkit-box-shadow:4px 4px  
4px 4px #2C4822; box-shadow:4px 4px 4px  
4px #2C4822 }
```

Background

The CSS property to change the background color of an element to Hex 2C4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4822 }
```

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

```
.background{ background-color:#2C4822 }
```

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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