

Converting Colors

Hex(2C4E00)

Have a look what the booklet for
Hex(2C4E00) contains.

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Color

Hex(2C4E00)

Conversions

Conversions Part 1

Format	Color
Hex	2C4E00
RGB	44, 78, 0
RGB Percent	17%, 31%, 0%
CMY	0.8275, 0.6941, 1.0000
CMYK	0.44, 0.00, 1.00, 0.69
HSL	86°, 100%, 15%
HSV	86°, 100%, 31%
XYZ	3.7631, 5.9843, 0.9567
YIQ	58.9420, 4.7740, -31.4660

Conversions

Conversions Part 2

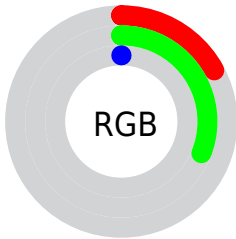
Format	Color
RYB	0, 78, 34
Decimal	2903552
CIELab	29.37, -25.16, 36.96
CIELCh	29, 44.708, 124.244
Yxy	5.9843, 0.3516, 0.5591
Android (android.graphics.Color)	4281093632 (0xFF2C4E00)
YUV	58.9420, -29.0584, -13.1041
Hunter-Lab	24.4627, -15.3512, 14.8051

Details

The Hex color **2C4E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **22004E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5E7F33**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **2C4E00**, and if you desaturate by 10%, it is **2F4E08**.

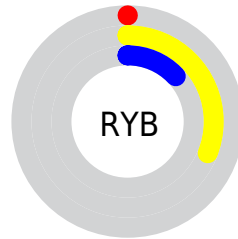
Distribution



Red (17%)

Green (31%)

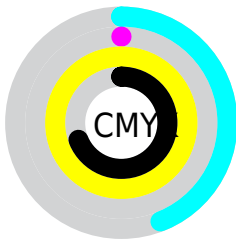
Blue (0%)



Red (0%)

Yellow (31%)

Blue (13%)

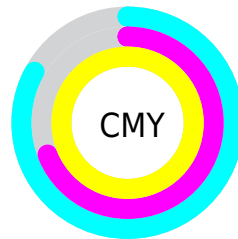


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (83%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4E00 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 2C4E00 by changing the saturation by 10% instead.

 2C4E00

 2C4E00

 FFFFEC

 153700

 5E7F33

 002200

 78994B

 000000

 92B464

 AED07E

 CAEC99

 E6FFB4

 FFFFD0

 2C4E00

■ 2F4E08

■ 334E10

■ 364E17

■ 3A4E1F

■ 3D4E27

■ 404E2F

■ 444E37

■ 474E3E

■ 4B4E46

Harmonies

Analogous

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



504500



2C4E00



005325

Triad

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



2C4E00



005184



811D42

Complementary

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



2C4E00



22004E

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.



722864



2C4E00



00488B

Square

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



2C4E00



00546B



4A3A7F



7E2720

Rectangle

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



2C4E00



00543D



4A3A7F



7F1F4D

Sweetspot

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



2C4E00



596647



4E2200



2B3321



B3B3B3



333333

Same Dimension

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



2C4E00



3A6600



054E00



252622



81E600

Inverse Universe

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



22004E



2C0066



49004E



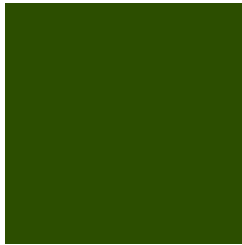
242226



6400E6

Previews

White Background



This preview shows how the Hex color 2C4E00 looks on a white background.

Color Contrast Check

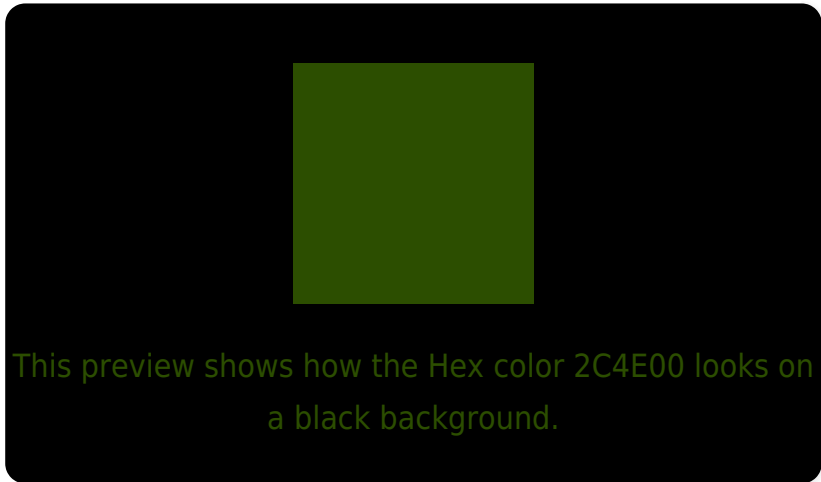
Large Text (above 18pt) WCAG AA ✓ Pass

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

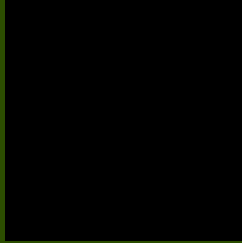
Any Text WCAG AA × Fail

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 2C4E00 Background



This preview shows how black text looks on a background with the Hex color 2C4E00.



This preview shows how white text looks on a background with the Hex color 2C4E00.

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
2C4E00

Protanopia
4E4500

Deuteranopia
574210



Tritanopia
35484E

Trichromacy



Original Color
2C4E00

Protanomaly
424800

Deuteranomaly
47460A

Tritanomaly
324A32

Monochromacy



Original Color
2C4E00

Achromatopsia
3B3B3B

Achromatomaly
364226

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4E00 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 #2C4E00 looks like.

```
.text, #text, p{  
    color:#2C4E00  
}
```

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 #2C4E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4E00  
}
```

Border

The CSS property to change the border of an element to Hex 2C4E00 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".

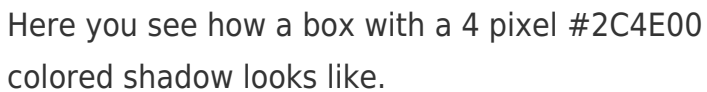
```
.border, #border, table{ border:4px solid  
#2C4E00 }
```

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

```
.border{ border-color:#2C4E00 }
```

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

Here you see how a box with a 4 pixel #2C4E00 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 #2C4E00; -webkit-box-shadow:4px 4px  
4px 4px #2C4E00; box-shadow:4px 4px 4px  
4px #2C4E00 }
```

Background

The CSS property to change the background color of an element to Hex 2C4E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4E00 }
```

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

```
.background{ background-color:#2C4E00 }
```

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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