

Converting Colors

Hex(2C2E00)

Have a look what the booklet for
Hex(2C2E00) contains.

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Color

Hex(2C2E00)

Conversions

Conversions Part 1

Format	Color
Hex	2C2E00
RGB	44, 46, 0
RGB Percent	17%, 18%, 0%
CMY	0.8275, 0.8196, 1.0000
CMYK	0.04, 0.00, 1.00, 0.82
HSL	63°, 100%, 9%
HSV	63°, 100%, 18%
XYZ	2.0157, 2.4895, 0.3743
YIQ	40.1580, 13.5740, -14.7300

Conversions

Conversions Part 2

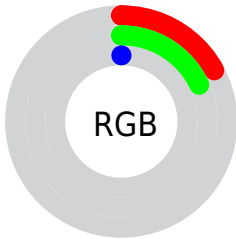
Format	Color
RYB	0, 46, 2
Decimal	2895360
CIELab	17.87, -7.60, 25.46
CIELCh	18, 26.568, 106.614
Yxy	2.4895, 0.4131, 0.5102
Android (android.graphics.Color)	4281085440 (0xFF2C2E00)
YUV	40.1580, -19.7979, 3.3694
Hunter-Lab	15.7780, -4.8075, 9.6382

Details

The Hex color **2C2E00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **02002E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5B5C2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C2E00**, and if you desaturate by 10%, it is **2C2E05**.

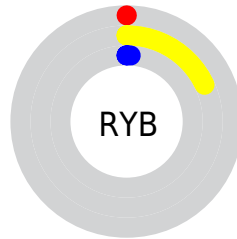
Distribution



Red (17%)

Green (18%)

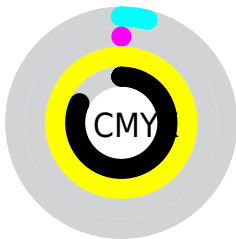
Blue (0%)



Red (0%)

Yellow (18%)

Blue (1%)

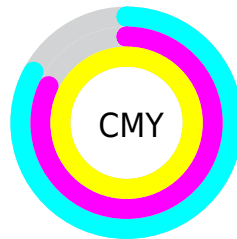


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2C2E00 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 2C2E00 by changing the saturation by 10% instead.

 2C2E00

 2C2E00

 FFFFE3

 151A00

 5B5C2F

 000000

 747446

 8E8E5E

 A9A877

 C5C391

 E1DFAC

 FEFCC7

 2C2E00

■ 2C2E05

■ 2C2E09

■ 2D2E0E

■ 2D2E12

■ 2D2E17

■ 2D2E1C

■ 2D2E20

■ 2E2E25

■ 2E2E29

Harmonies

Analogous

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



3D2800



2C2E00



153210

Triad

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



2C2E00



003447



4A1B35

Complementary

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



2C2E00



02002E

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.



3A2246



2C2E00



003051

Square

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



2C2E00



003536



1B2A51



4E1A22

Rectangle

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



2C2E00



00341C



1B2A51



461D3B

Sweetspot

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



2C2E00



3A3B29



2E0200



1E1F14



9E9E9E



1F1F1F

Same Dimension

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



2C2E00



383B00



152E00



171715



535700



CDD600

Inverse Universe

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



02002E



03003B



19002E



151517



040057



0900D6

Previews

White Background



This preview shows how the Hex color 2C2E00 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

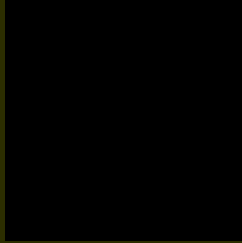
Any Text WCAG AA × Fail

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 2C2E00 Background



This preview shows how black text looks on a background with the Hex color 2C2E00.

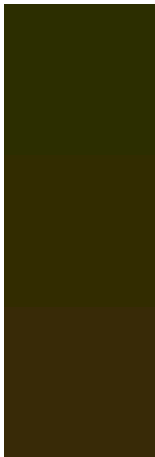


This preview shows how white text looks on a background with the Hex color 2C2E00.

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
2C2E00

Protanopia
322C00

Deuteranopia
382A07



Tritanopia
2F2B2E

Trichromacy



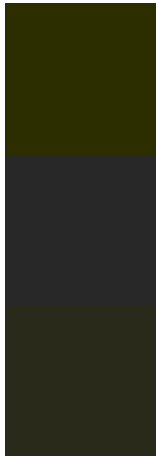
Original Color
2C2E00

Protanomaly
302D00

Deuteranomaly
342B04

Tritanomaly
2E2C1D

Monochromacy



Original Color
2C2E00

Achromatopsia
282828

Achromatomaly
292A19

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2E00 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 #2C2E00 looks like.

```
.text, #text, p{  
    color:#2C2E00  
}
```

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 #2C2E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2E00
}
```

Border

The CSS property to change the border of an element to Hex 2C2E00 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".

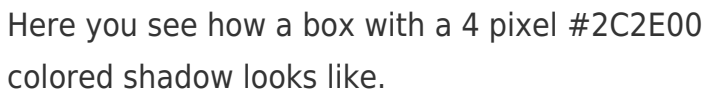
```
.border, #border, table{ border:4px solid
#2C2E00 }
```

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

```
.border{ border-color:#2C2E00 }
```

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

Here you see how a box with a 4 pixel #2C2E00 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 and a thicker dark green shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2E00; -webkit-box-shadow:4px 4px  
4px 4px #2C2E00; box-shadow:4px 4px 4px  
4px #2C2E00 }
```

Background

The CSS property to change the background color of an element to Hex 2C2E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2E00 }
```

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

```
.background{ background-color:#2C2E00 }
```

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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