

# Converting Colors

Hex(2C2E01)

Have a look what the booklet for  
Hex(2C2E01) contains.

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**Color**

**Hex(2C2E01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C2E01
RGB	44, 46, 1
RGB Percent	17%, 18%, 0%
CMY	0.8275, 0.8196, 0.9961
CMYK	0.04, 0.00, 0.98, 0.82
HSL	63°, 96%, 9%
HSV	63°, 98%, 18%
XYZ	2.0212, 2.4917, 0.4031
YIQ	40.2720, 13.2530, -14.4190

# Conversions

## Conversions Part 2

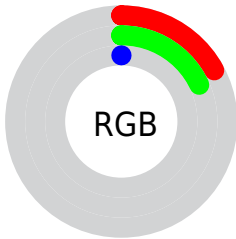
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	1, 46, 3
Decimal	2895361
CIE Lab	17.88, -7.51, 25.06
CIE LCh	18, 26.165, 106.689
Yxy	2.4917, 0.4111, 0.5068
Android (android.graphics.Color)	4281085441 (0xFF2C2E01)
YUV	40.2720, -19.3611, 3.2695
Hunter-Lab	15.7850, -4.7678, 9.5353

# Details

The Hex color **2C2E01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **03012E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5B5C30**, 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 **2C2E06**.

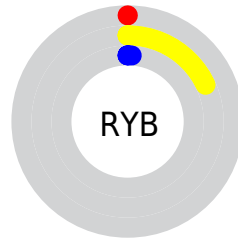
# Distribution



Red (17%)

Green (18%)

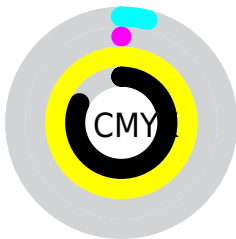
Blue (0%)



Red (0%)

Yellow (18%)

Blue (1%)

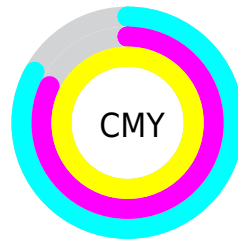


Cyan (4%)

Magenta (0%)

Yellow (98%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C2E01 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 2C2E01 by changing the saturation by 10% instead.



 2C2E01

 2C2E01

 FFFFE4

 151A00

 5B5C30

 000000

 747447

 8E8E5F

 A9A878

 C4C392

 E1DFAD

 FEFCC8

 2C2E01

 2C2E01

■ 2C2E00

■ 2C2E06

■ 2C2E0A

■ 2D2E0F

■ 2D2E13

■ 2D2E18

■ 2D2E1D

■ 2D2E21

■ 2E2E26

■ 2E2E2A

# Harmonies

## Analogous

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



3D2801



2C2E01



153210

# Triad

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



2C2E01



003447



4A1B35

# Complementary

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



2C2E01



03012E

# 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



2C2E01



003050

# Square

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



2C2E01



003536



1C2A50



4E1A22

# Rectangle

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



2C2E01



00341C



1C2A50



461D3B



# Sweetspot

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



2C2E01



3A3B2A



2E0301



1E1F14



9E9E9E



1F1F1F



# Same Dimension

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



2C2E01



383B00



162E01



171715



535700



CDD600



# Inverse Universe

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



03012E



03003B



19012E



151517



040057



0A00D6



# Previews

## White Background



This preview shows how the Hex color 2C2E01 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

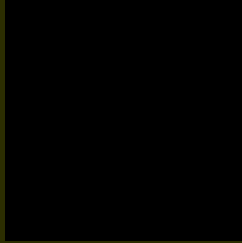
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

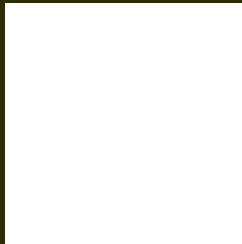
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2C2E01 Background



This preview shows how black text looks on a background with the Hex color 2C2E01.

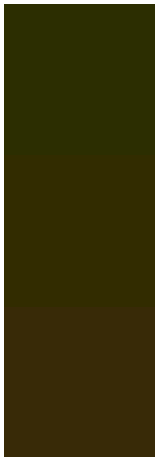


This preview shows how white text looks on a background with the Hex color 2C2E01.

# 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**  
2C2E01

**Protanopia**  
322C00

**Deuteranopia**  
382A07



**Tritanopia**  
2F2B2E

# Trichromacy



**Original Color**  
2C2E01

**Protanomaly**  
302D00

**Deuteranomaly**  
342B05

**Tritanomaly**  
2E2C1E

# Monochromacy



**Original Color**  
2C2E01

**Achromatopsia**  
282828

**Achromatomaly**  
292A1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C2E01 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 #2C2E01 looks like.

```
.text, #text, p{  
    color:#2C2E01  
}
```

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 #2C2E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2E01
}
```

## Border

The CSS property to change the border of an element to Hex 2C2E01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

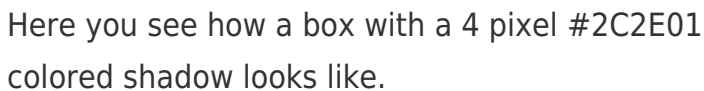
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2E01 }
```

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

```
.border{ border-color:#2C2E01 }
```

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



Here you see how a box with a 4 pixel #2C2E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2E01; -webkit-box-shadow:4px 4px  
4px 4px #2C2E01; box-shadow:4px 4px 4px  
4px #2C2E01 }
```

# Background

The CSS property to change the background color of an element to Hex 2C2E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2E01 }
```

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

```
.background{ background-color:#2C2E01 }
```

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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