

Converting Colors

Hex(2E2B01)

Have a look what the booklet for
Hex(2E2B01) contains.

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Color

Hex(2E2B01)

Conversions

Conversions Part 1

Format	Color
Hex	2E2B01
RGB	46, 43, 1
RGB Percent	18%, 17%, 0%
CMY	0.8196, 0.8314, 0.9961
CMYK	0.00, 0.07, 0.98, 0.82
HSL	56°, 96%, 9%
HSV	56°, 98%, 18%
XYZ	1.9961, 2.3108, 0.3695
YIQ	39.1090, 15.2700, -12.4260

Conversions

Conversions Part 2

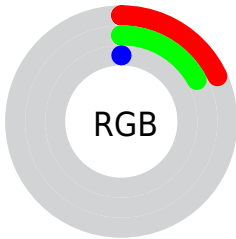
Format	Color
RYB	4, 46, 1
Decimal	3025665
CIELab	17.04, -4.47, 24.09
CIELCh	17, 24.505, 100.504
Yxy	2.3108, 0.4268, 0.4941
Android (android.graphics.Color)	4281215745 (0xFF2E2B01)
YUV	39.1090, -18.7877, 6.0434
Hunter-Lab	15.2013, -3.1635, 9.1996

Details

The Hex color **2E2B01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01042E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5D5830**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2B00**, and if you desaturate by 10%, it is **2E2B06**.

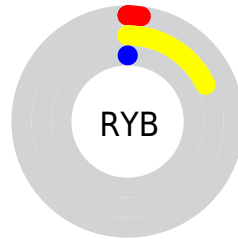
Distribution



Red (18%)

Green (17%)

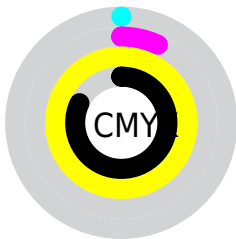
Blue (0%)



Red (2%)

Yellow (18%)

Blue (0%)

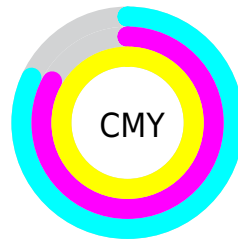


Cyan (0%)

Magenta (7%)

Yellow (98%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2B01 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 2E2B01 by changing the saturation by 10% instead.

 2E2B01

 2E2B01

 FFFFE4

 171700

 5D5830

 000000

 767147

 918A5F

 ABA478

 C7BF92

 E3DBAC

 FFF8C8

 2E2B01

 2E2B01

■ 2E2B00

■ 2E2B06

■ 2E2C0A

■ 2E2C0F

■ 2E2C13

■ 2E2D18

■ 2E2D1D

■ 2E2D21

■ 2E2D26

■ 2E2E2A

Harmonies

Analogous

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



3D2505



2E2B01



1A2F0D

Triad

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



2E2B01



003240



441C36

Complementary

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



2E2B01



01042E

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.



332345



2E2B01



002F4B

Square

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



2E2B01



003230



132A4D



4A1A24

Rectangle

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



2E2B01



073118



132A4D



3F1E3C

Sweetspot

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



2E2B01



3B3A2A



2E0104



1F1E14



9E9E9E



1F1F1F

Same Dimension

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



2E2B01



3B3700



1B2E01



171715



575100



D6C800

Inverse Universe

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



01042E



00043B



15012E



151517



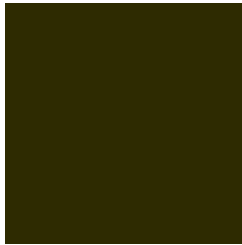
000657



000ED6

Previews

White Background



This preview shows how the Hex color 2E2B01 looks on a white background.

Color Contrast Check

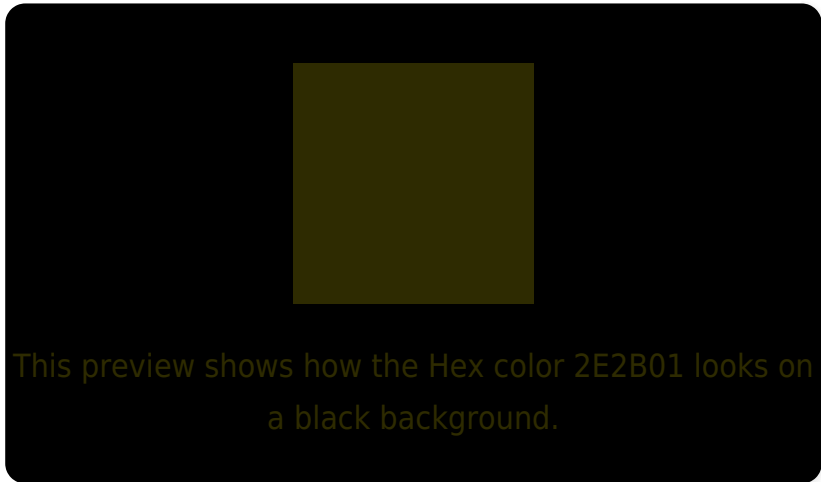
Large Text (above 18pt) WCAG AA ✓ Pass

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

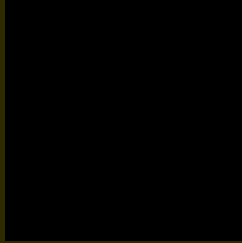
Any Text WCAG AA × Fail

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 2E2B01 Background



This preview shows how black text looks on a background with the Hex color 2E2B01.

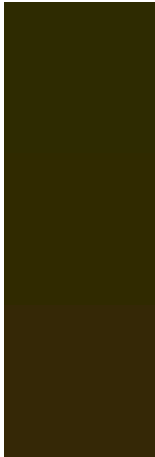


This preview shows how white text looks on a background with the Hex color 2E2B01.

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
2E2B01

Protanopia
302A00

Deuteranopia
352806



Tritanopia
31282B

Trichromacy



Original Color
2E2B01

Protanomaly
2F2A00

Deuteranomaly
322904

Tritanomaly
30291C

Monochromacy



Original Color
2E2B01

Achromatopsia
272727

Achromatomaly
2A2819

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2B01 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 #2E2B01 looks like.

```
.text, #text, p{  
    color:#2E2B01  
}
```

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 #2E2B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2B01
}
```

Border

The CSS property to change the border of an element to Hex 2E2B01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

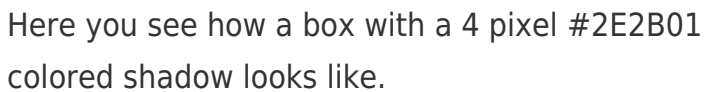
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2B01 }
```

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

```
.border{ border-color:#2E2B01 }
```

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



Here you see how a box with a 4 pixel #2E2B01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2B01; -webkit-box-shadow:4px 4px  
4px 4px #2E2B01; box-shadow:4px 4px 4px  
4px #2E2B01 }
```

Background

The CSS property to change the background color of an element to Hex 2E2B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2B01 }
```

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

```
.background{ background-color:#2E2B01 }
```

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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