

Converting Colors

Hex(272E03)

Have a look what the booklet for
Hex(272E03) contains.

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Color

Hex(272E03)

Conversions

Conversions Part 1

Format	Color
Hex	272E03
RGB	39, 46, 3
RGB Percent	15%, 18%, 1%
CMY	0.8471, 0.8196, 0.9882
CMYK	0.15, 0.00, 0.93, 0.82
HSL	70°, 88%, 10%
HSV	70°, 93%, 18%
XYZ	1.8301, 2.3919, 0.4514
YIQ	39.0050, 9.6310, -14.8570

Conversions

Conversions Part 2

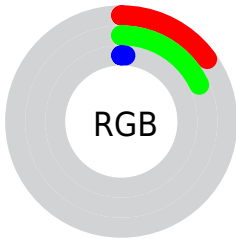
Format	Color
R_YB	3, 46, 10
Decimal	2567683
CIE Lab	17.42, -10.05, 23.58
CIE LCh	17, 25.634, 113.078
Yxy	2.3919, 0.3916, 0.5118
Android (android.graphics.Color)	4280757763 (0xFF272E03)
YUV	39.0050, -17.7505, -0.0044
Hunter-Lab	15.4658, -5.9424, 9.0956

Details

The Hex color **272E03** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A032E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **555C31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **272E00**, and if you desaturate by 10%, it is **282E08**.

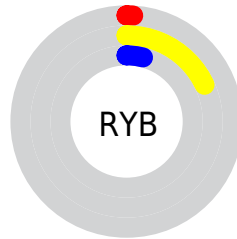
Distribution



Red (15%)

Green (18%)

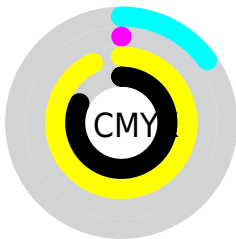
Blue (1%)



Red (1%)

Yellow (18%)

Blue (4%)

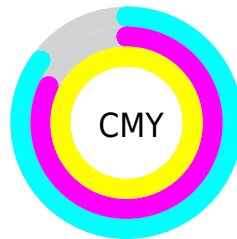


Cyan (15%)

Magenta (0%)

Yellow (93%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272E03 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 272E03 by changing the saturation by 10% instead.

 272E03

 272E03

 FFFFE6

 0F1A00

 555C31

 000000

 6E7448

 888E60

 A2A879

 BEC393

 DADFAE

 F6FCCA

 272E03

 272E03

■ 272E00

■ 282E08

■ 282E0C

■ 292E11

■ 2A2E15

■ 2B2E1A

■ 2B2E1F

■ 2C2E23

■ 2D2E28

■ 2E2E2C

Harmonies

Analogous

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



382800



272E03



0F3213

Triad

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



272E03



003248



4A1A30

Complementary

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



272E03



0A032E

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.



3D2041



272E03



002E4F

Square

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



272E03



003439



23284D



4C1B1D

Rectangle

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



272E03



00331F



23284D



471B36

Sweetspot

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



272E03



383B2A



2E0903



1D1F14



9E9E9E



1F1F1F

Same Dimension

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



272E03



313B00



122E03



171715



495700



B3D600

Inverse Universe

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



0A032E



0A003B



1F032E



151517



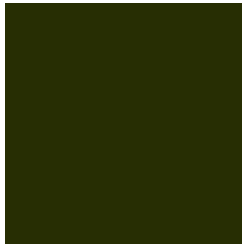
0E0057



2300D6

Previews

White Background



This preview shows how the Hex color 272E03 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

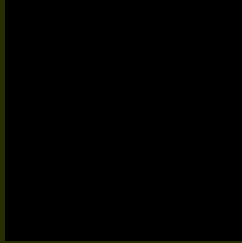
Any Text WCAG AA × Fail

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 272E03 Background



This preview shows how black text looks on a background with the Hex color 272E03.

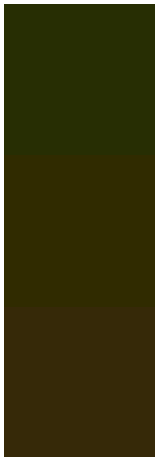


This preview shows how white text looks on a background with the Hex color 272E03.

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
272E03

Protanopia
302B00

Deuteranopia
362908



Tritanopia
2B2B2E

Trichromacy



Original Color
272E03

Protanomaly
2D2C01

Deuteranomaly
312B06

Tritanomaly
2A2C1E

Monochromacy



Original Color
272E03

Achromatopsia
272727

Achromatomaly
272A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 272E03 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 #272E03 looks like.

```
.text, #text, p{  
    color:#272E03  
}
```

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 #272E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272E03
}
```

Border

The CSS property to change the border of an element to Hex 272E03 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".

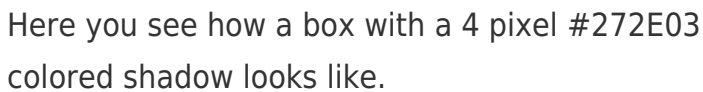
```
.border, #border, table{ border:4px solid
#272E03 }
```

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

```
.border{ border-color:#272E03 }
```

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

Here you see how a box with a 4 pixel #272E03 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 #272E03; -webkit-box-shadow:4px 4px  
4px 4px #272E03; box-shadow:4px 4px 4px  
4px #272E03 }
```

Background

The CSS property to change the background color of an element to Hex 272E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272E03 }
```

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

```
.background{ background-color:#272E03 }
```

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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