

Converting Colors

Hex(273A27)

Have a look what the booklet for
Hex(273A27) contains.

Hex(273A27)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(273A27)

Conversions

Conversions Part 1

Format	Color
Hex	273A27
RGB	39, 58, 39
RGB Percent	15%, 23%, 15%
CMY	0.8471, 0.7725, 0.8471
CMYK	0.33, 0.00, 0.33, 0.77
HSL	120°, 20%, 19%
HSV	120°, 33%, 23%
XYZ	2.7160, 3.6039, 2.4719
YIQ	50.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

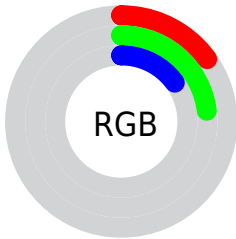
Format	Color
RYB	39, 58, 58
Decimal	2570791
CIELab	22.32, -12.29, 9.43
CIELCh	22, 15.496, 142.508
Yxy	3.6039, 0.3089, 0.4099
Android (android.graphics.Color)	4280760871 (0xFF273A27)
YUV	50.1530, -5.4984, -9.7812
Hunter-Lab	18.9840, -7.6848, 5.5686

Details

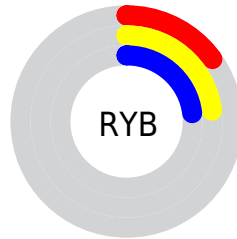
The Hex color **273A27** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A273A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **556954**, and **000F00** is the 20% darker color. If you saturate the color by 10%, you get **213A21**, and if you desaturate by 10%, it is **2D3A2D**.

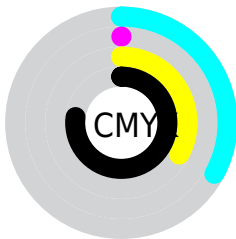
Distribution



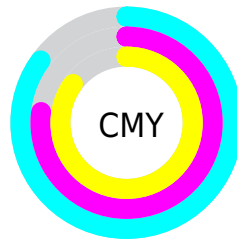
- Red (15%)
- Green (23%)
- Blue (15%)



- Red (15%)
- Yellow (23%)
- Blue (23%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (77%)



- Cyan (85%)
- Magenta (77%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 273A27 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 273A27 by changing the saturation by 10% instead.

■ 273A27

■ 273A27

FFFFFF

■ 122413

■ 556954

■ 000F00

■ 6D826C

■ 000000

■ 879D86

■ A1B7A0

■ BCD3BB

■ D8EFD6

■ F4FFF3

■ 273A27

■ 273A27

■ 213A21

■ 2D3A2D

■ 1B3A1B

■ 333A33

■ 163A16

■ 383A38

■ 103A10

■ 3E3A3E

■ 0A3A0A

■ 443A44

■ 043A04

■ 4A3A4A

■ 003A00

■ 503A50

■ 553A55

■ 5B3A5B

Harmonies

Analogous

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



343720



273A27



193B32

Triad

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



273A27



21374C



4C2D2D

Complementary

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



273A27



3A273A

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.



4A2D39



273A27



33334B

Square

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



273A27



103A47



412F43



483024

Rectangle

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



273A27



103C3A



412F43



4C2D31

Sweetspot

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



273A27



454D45



3A3A27



222622



A6A6A6



262626

Same Dimension

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



273A27



2F4D2F



273A31



191C19



005C00



00DB00

Inverse Universe

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



3A273A



4D2F4D



3A2731



1C191C



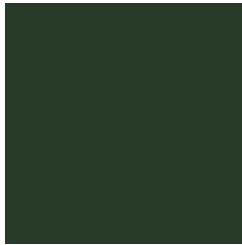
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 273A27 looks on a white background.

Color Contrast Check

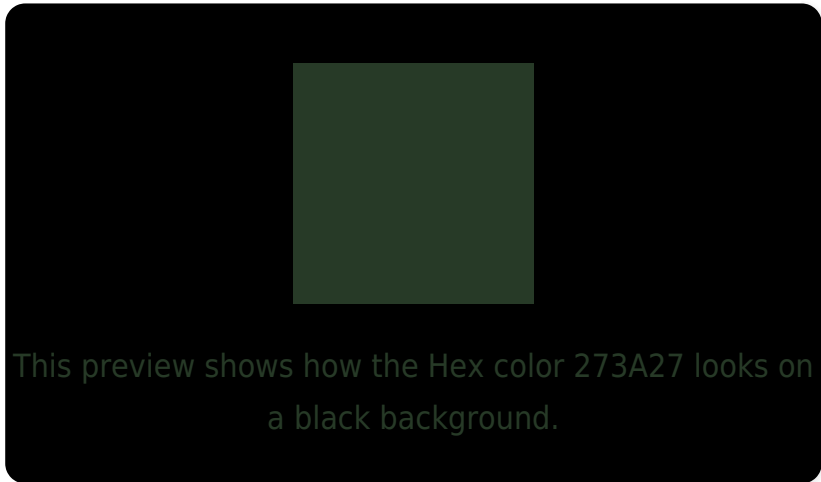
Large Text (above 18pt) WCAG AA ✓ Pass

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

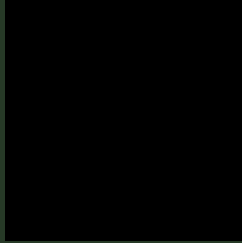
Any Text WCAG AA × Fail

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 273A27 Background



This preview shows how black text looks on a background with the Hex color 273A27.



This preview shows how white text looks on a background with the Hex color 273A27.

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
273A27

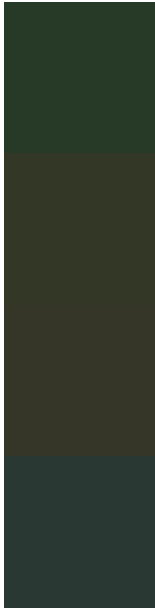
Protanopia
3A3525

Deuteranopia
3F3329



Tritanopia
2B373C

Trichromacy



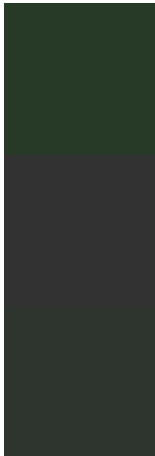
Original Color
273A27

Protanomaly
333726

Deuteranomaly
363628

Tritanomaly
2A3834

Monochromacy



Original Color
273A27

Achromatopsia
323232

Achromatomaly
2E352E

CSS Examples

Text

The CSS property to change the color of the text to Hex 273A27 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 #273A27 looks like.

```
.text, #text, p{  
    color:#273A27  
}
```

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 #273A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273A27  
}
```

Border

The CSS property to change the border of an element to Hex 273A27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

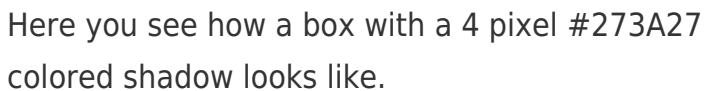
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#273A27 }
```

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

```
.border{ border-color:#273A27 }
```

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



Here you see how a box with a 4 pixel #273A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273A27; -webkit-box-shadow:4px 4px  
4px 4px #273A27; box-shadow:4px 4px 4px  
4px #273A27 }
```

Background

The CSS property to change the background color of an element to Hex 273A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273A27 }
```

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

```
.background{ background-color:#273A27 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor