

# Converting Colors

Hex(273B26)

Have a look what the booklet for  
Hex(273B26) contains.

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# Color

Hex(273B26)

# Conversions

## Conversions Part 1

Format	Color
Hex	273B26
RGB	39, 59, 38
RGB Percent	15%, 23%, 15%
CMY	0.8471, 0.7686, 0.8510
CMYK	0.34, 0.00, 0.36, 0.77
HSL	117°, 22%, 19%
HSV	117°, 36%, 23%
XYZ	2.7505, 3.6992, 2.4028
YIQ	50.6260, -5.1790, -10.7710

# Conversions

## Conversions Part 2

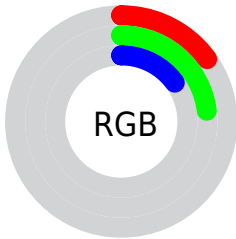
Format	Color
<b>R<sub>YB</sub></b>	38, 59, 58
Decimal	2571046
CIE <sub>Lab</sub>	22.65, -13.09, 10.54
CIE <sub>LCh</sub>	23, 16.809, 141.159
Yxy	3.6992, 0.3107, 0.4179
Android (android.graphics.Color)	4280761126 (0xFF273B26)
YUV	50.6260, -6.2246, -10.1960
Hunter-Lab	19.2333, -8.1314, 6.0564

# Details

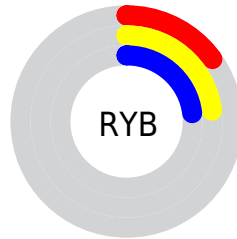
The Hex color **273B26** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A263B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **556A53**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **213B20**, and if you desaturate by 10%, it is **2D3B2C**.

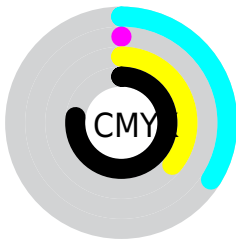
# Distribution



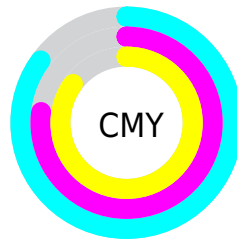
- Red (15%)
- Green (23%)
- Blue (15%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (36%)
- Black (77%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 273B26 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 273B26 by changing the saturation by 10% instead.



■ 273B26

■ 273B26

FFFFFF

■ 122512

■ 556A53

■ 001100

■ 6D846B

■ 000000

■ 879E84

■ A1B99F

■ BCD4BA

■ D8F1D5

■ F4FFF2

■ 273B26

■ 273B26

■ 213B20

■ 2D3B2C

■ 1C3B1A

■ 323B32

■ 163B14

■ 383B38

■ 113B0E

■ 3D3B3E

■ 0B3B08

■ 433B43

■ 053B03

■ 493B49

■ 033B00

■ 4E3B4F

■ 543B55

■ 5A3B5B

# Harmonies

## Analogous

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



35381E



273B26



173D32

# Triad

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



273B26



1E384F



4F2D2E

# Complementary

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



273B26



3A263B

# 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.



4C2D3A



273B26



32344D

# Square

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



273B26



083B49



423046



4B3023

# Rectangle

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



273B26



0B3D3A



423046



4E2C32



# Sweetspot

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



273B26



444D44



3B3A26



222621



A6A6A6



262626



# Same Dimension

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



273B26



2D4D2C



263B2F



1C1F1C



045E00



0BDE00



# Inverse Universe

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



3A263B



4B2C4D



3B2632



1E1C1F



5A005E

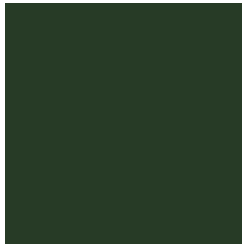


D300DE



# Previews

## White Background



This preview shows how the Hex color 273B26 looks on a white background.

## Color Contrast Check

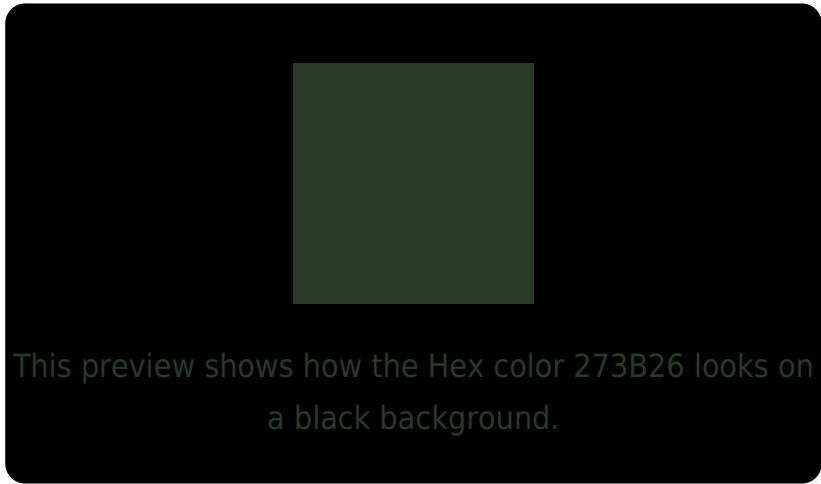
Large Text (above 18pt) WCAG AA ✓ Pass

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

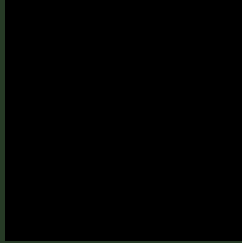
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

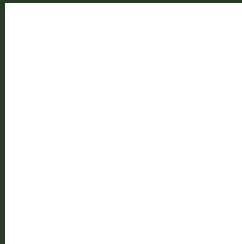
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 273B26 Background



This preview shows how black text looks on a background with the Hex color 273B26.



This preview shows how white text looks on a background with the Hex color 273B26.

# 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](#).

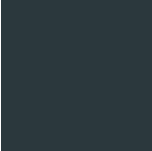
## Dichromacy



**Original Color**  
273B26

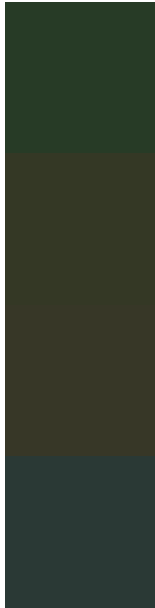
**Protanopia**  
3B3624

**Deuteranopia**  
403428



**Tritanopia**  
2B383D

# Trichromacy



**Original Color**  
273B26

**Protanomaly**  
343825

**Deuteranomaly**  
373727

**Tritanomaly**  
2A3935

# Monochromacy



**Original Color**  
273B26

**Achromatopsia**  
333333

**Achromatomaly**  
2F362E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 273B26 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 #273B26 looks like.

```
.text, #text, p{  
  color:#273B26  
}
```

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 #273B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273B26
}
```

## Border

The CSS property to change the border of an element to Hex 273B26 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".

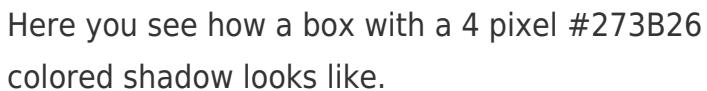
```
.border, #border, table{ border:4px solid
#273B26 }
```

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

```
.border{ border-color:#273B26 }
```

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

Here you see how a box with a 4 pixel #273B26 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 right sides. Below the box, there is a thick dark green horizontal bar that serves as a shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273B26; -webkit-box-shadow:4px 4px  
4px 4px #273B26; box-shadow:4px 4px 4px  
4px #273B26 }
```

# Background

The CSS property to change the background color of an element to Hex 273B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273B26 }
```

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

```
.background{ background-color:#273B26 }
```

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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