

# Converting Colors

Hex(273257)

Have a look what the booklet for  
Hex(273257) contains.

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# Color

**Hex(273257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	273257
RGB	39, 50, 87
RGB Percent	15%, 20%, 34%
CMY	0.8471, 0.8039, 0.6588
CMYK	0.55, 0.43, 0.00, 0.66
HSL	226°, 38%, 25%
HSV	226°, 55%, 34%
XYZ	3.6976, 3.4007, 9.4783
YIQ	50.9290, -18.4330, 9.1750

# Conversions

## Conversions Part 2

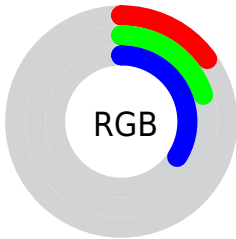
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 48, 87
Decimal	2568791
CIE Lab	21.58, 7.43, -23.84
CIE LCh	22, 24.972, 287.306
Yxy	3.4007, 0.2231, 0.2051
Android (android.graphics.Color)	4280758871 (0xFF273257)
YUV	50.9290, 17.7830, -10.4617
Hunter-Lab	18.4409, 3.5197, -17.5656

# Details

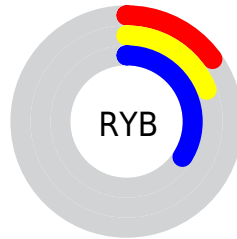
The Hex color **273257** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **574C27**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **586089**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **1E2B57**, and if you desaturate by 10%, it is **303957**.

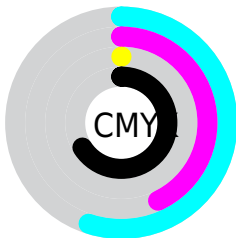
# Distribution



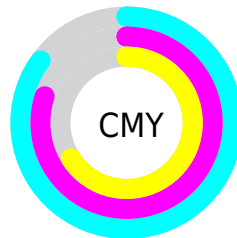
- Red (15%)
- Green (20%)
- Blue (34%)



- Red (15%)
- Yellow (19%)
- Blue (34%)



- Cyan (55%)
- Magenta (43%)
- Yellow (0%)
- Black (66%)



- Cyan (85%)
- Magenta (80%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 273257 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 273257 by changing the saturation by 10% instead.



■ 273257

■ 273257

FFFFFF

■ 0E1D3F

■ 586089

■ 00032A

■ 7179A4

■ 000114

■ 8B92BF

■ 000000

■ A6ADDB

■ C2C8F7

■ DEE4FF

■ FBFFFF

■ 273257

■ 273257

■ 1E2B57

■ 303957

■ 162557

■ 383F57

■ 0D1E57

■ 414657

■ 041757

■ 4A4D57

■ 001457

■ 535457

■ 5B5A57

■ 646157

■ 6D6857

■ 756E57

# Harmonies

## Analogous

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



003858



273257



422B4D

# Triad

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



273257



512919



003C2B

# Complementary

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



273257



574C27

# 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.



1E3A1A



273257



45300E

# Square

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



273257



56242A



34360E



003D3E

# Rectangle

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



273257



4E2642



34360E



083C25



# Sweetspot

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



273257



5D6170



27574C



2D2F38



B8B8B8



383838



# Same Dimension

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



273257



263770



342757



27282B



00196B



0036EB



# Inverse Universe

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



572732



702637



4A5727



2B2728



6B0019



EB0036



# Previews

## White Background



This preview shows how the Hex color 273257 looks on a white background.

## Color Contrast Check

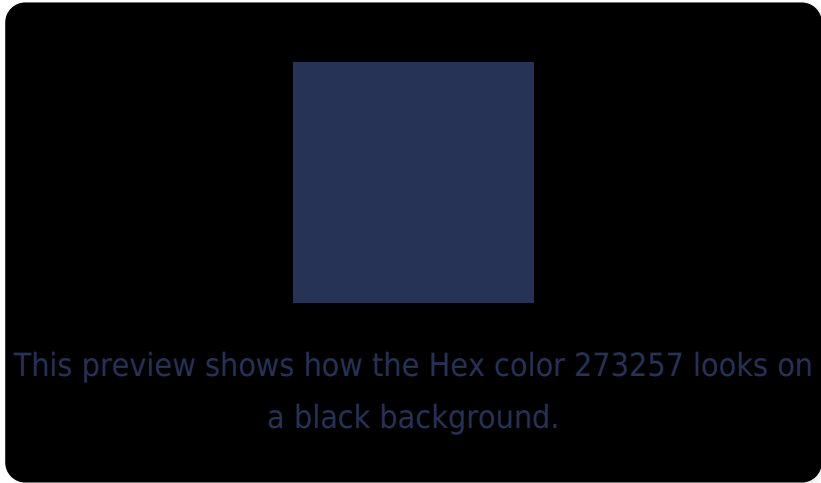
Large Text (above 18pt) WCAG AA ✓ Pass

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

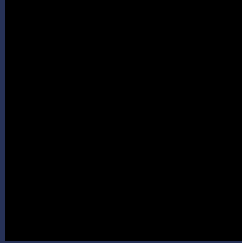
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 273257 Background



This preview shows how black text looks on a background with the Hex color 273257.



This preview shows how white text looks on a background with the Hex color 273257.

# 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](#).

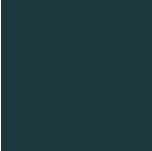
## Dichromacy



**Original Color**  
273257

**Protanopia**  
243358

**Deuteranopia**  
1C3456



**Tritanopia**  
1D383C

# Trichromacy



**Original Color**  
273257

**Protanomaly**  
253358

**Deuteranomaly**  
203356

**Tritanomaly**  
213646

# Monochromacy



**Original Color**  
273257

**Achromatopsia**  
333333

**Achromatomaly**  
2F3340

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 273257 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 #273257 looks like.

```
.text, #text, p{  
    color:#273257  
}
```

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 #273257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273257
}
```

## Border

The CSS property to change the border of an element to Hex 273257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

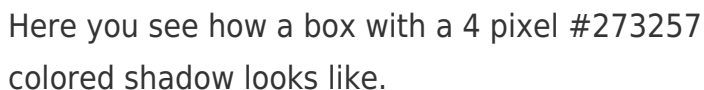
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#273257 }
```

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

```
.border{ border-color:#273257 }
```

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



Here you see how a box with a 4 pixel #273257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273257; -webkit-box-shadow:4px 4px  
4px 4px #273257; box-shadow:4px 4px 4px  
4px #273257 }
```

# Background

The CSS property to change the background color of an element to Hex 273257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273257 }
```

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

```
.background{ background-color:#273257 }
```

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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