

# Converting Colors

Hex(273005)

Have a look what the booklet for  
Hex(273005) contains.

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# Color

Hex(273005)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	273005
RGB	39, 48, 5
RGB Percent	15%, 19%, 2%
CMY	0.8471, 0.8118, 0.9804
CMYK	0.19, 0.00, 0.90, 0.81
HSL	73°, 81%, 10%
HSV	73°, 90%, 19%
XYZ	1.9210, 2.5562, 0.5357
YIQ	40.4070, 8.4390, -15.2810

# Conversions

## Conversions Part 2

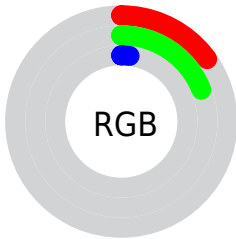
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 48, 14
Decimal	2568197
CIELab	18.17, -11.09, 23.67
CIELCh	18, 26.136, 115.109
Yxy	2.5562, 0.3832, 0.5099
Android (android.graphics.Color)	4280758277 (0xFF273005)
YUV	40.4070, -17.4557, -1.2339
Hunter-Lab	15.9881, -6.5316, 9.2050

# Details

The Hex color **273005** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E0530**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **555E33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **263000**, and if you desaturate by 10%, it is **28300A**.

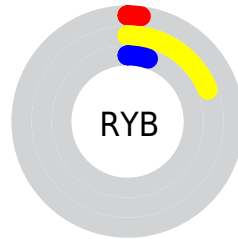
# Distribution



Red (15%)

Green (19%)

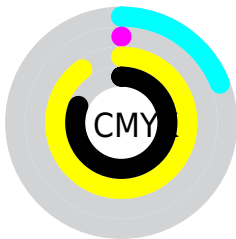
Blue (2%)



Red (2%)

Yellow (19%)

Blue (5%)

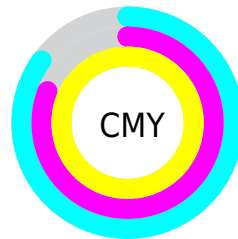


Cyan (19%)

Magenta (0%)

Yellow (90%)

Black (81%)



Cyan (85%)

Magenta (81%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 273005 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 273005 by changing the saturation by 10% instead.



 273005

 273005

 FFFFE8

 101B00

 555E33

 000000

 6E774A

 889062

 A2AB7B

 BEC695

 DAE2B0

 F6FFCB

 273005

 273005

■ 263000

■ 28300A

■ 29300F

■ 2A3013

■ 2B3018

■ 2C301D

■ 2D3022

■ 2E3027

■ 2F302B

■ 303030

# Harmonies

## Analogous

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



392A00



273005



0D3416

# Triad

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



273005



00344B



4D1B30

# Complementary

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



273005



0E0530

# 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.



402142



273005



002F52

# Square

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



273005



00353C



27294F



4E1C1E

# Rectangle

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



273005



003522



27294F



4A1C37



# Sweetspot

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



273005



3A3D2D



300E05



1D1F15



9E9E9E



1F1F1F



# Same Dimension

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



273005



303D00



123005



161715



455700



A9D600



# Inverse Universe

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



0E0530



0D003D



230530



151517



120057



2D00D6



# Previews

## White Background



This preview shows how the Hex color 273005 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

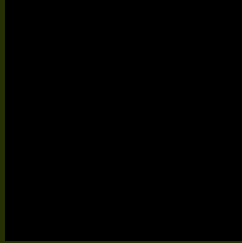
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 273005 Background



This preview shows how black text looks on a background with the Hex color 273005.



This preview shows how white text looks on a background with the Hex color 273005.

# 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**  
273005

**Protanopia**  
322D04

**Deuteranopia**  
382A0A



**Tritanopia**  
2B2D30

# Trichromacy



**Original Color**  
273005

**Protanomaly**  
2E2E04

**Deuteranomaly**  
322C08

**Tritanomaly**  
2A2E20

# Monochromacy



**Original Color**  
273005

**Achromatopsia**  
282828

**Achromatomaly**  
282B1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 273005 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 #273005 looks like.

```
.text, #text, p{  
    color:#273005  
}
```

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 #273005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273005
}
```

## Border

The CSS property to change the border of an element to Hex 273005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

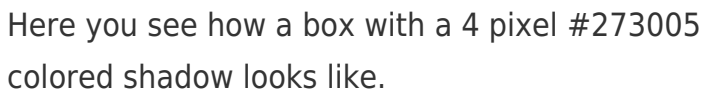
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#273005 }
```

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

```
.border{ border-color:#273005 }
```

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



Here you see how a box with a 4 pixel #273005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273005; -webkit-box-shadow:4px 4px  
4px 4px #273005; box-shadow:4px 4px 4px  
4px #273005 }
```

# Background

The CSS property to change the background color of an element to Hex 273005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273005 }
```

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

```
.background{ background-color:#273005 }
```

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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