

# Converting Colors

Hex(273F07)

Have a look what the booklet for  
Hex(273F07) contains.

<b>Hex(273F07)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(273F07)

# Conversions

## Conversions Part 1

Format	Color
Hex	273F07
RGB	39, 63, 7
RGB Percent	15%, 25%, 3%
CMY	0.8471, 0.7529, 0.9725
CMYK	0.38, 0.00, 0.89, 0.75
HSL	86°, 80%, 14%
HSV	86°, 89%, 25%
XYZ	2.6526, 4.0017, 0.8336
YIQ	49.4400, 3.6720, -22.5040

# Conversions

## Conversions Part 2

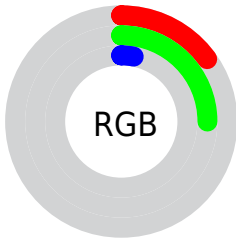
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 63, 31
Decimal	2572039
CIE <sub>Lab</sub>	23.68, -19.36, 28.90
CIE <sub>LCh</sub>	24, 34.784, 123.817
Yxy	4.0017, 0.3542, 0.5344
Android (android.graphics.Color)	4280762119 (0xFF273F07)
YUV	49.4400, -20.9229, -9.1559
Hunter-Lab	20.0042, -11.3383, 11.5322

# Details

The Hex color **273F07** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1F073F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **576F35**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **243F01**, and if you desaturate by 10%, it is **2A3F0D**.

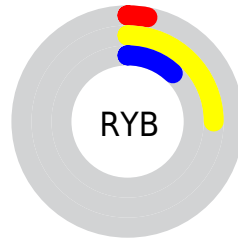
# Distribution



Red (15%)

Green (25%)

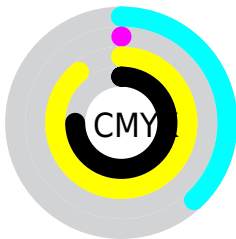
Blue (3%)



Red (3%)

Yellow (25%)

Blue (12%)

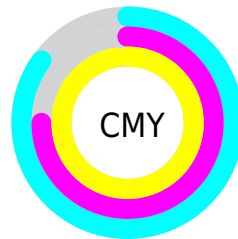


Cyan (38%)

Magenta (0%)

Yellow (89%)

Black (75%)



Cyan (85%)

Magenta (75%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 273F07 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 273F07 by changing the saturation by 10% instead.



 273F07

 273F07

 FFFFED

 112900

 576F35

 001500

 70884D

 000000

 8AA366

 A5BE7F

 C0DA99

 DCF6B4

 F9FFD0

 273F07

 273F07

■ 243F01

■ 2A3F0D

■ 243F00

■ 2C3F14

■ 2F3F1A

■ 323F20

■ 353F27

■ 373F2D

■ 3A3F33

■ 3D3F39

■ 3F3F40

# Harmonies

## Analogous

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



423800



273F07



004320

# Triad

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



273F07



004167



661D36

# Complementary

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



273F07



1F073F

# 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.



5A2450



273F07



003A6D

# Square

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



273F07



004455



3D3064



64231D

# Rectangle

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



273F07



004432



3D3064



641E3F



# Sweetspot

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



273F07



48523C



3F1E07



23291C



A8A8A8



292929



# Same Dimension

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



273F07



2F5200



0C3F07



1D1F1C



365E00



7FDE00



# Inverse Universe

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



1F073F



230052



3A073F



1D1C1F



28005E

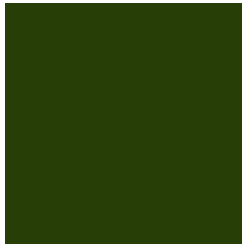


5F00DE



# Previews

## White Background



This preview shows how the Hex color 273F07 looks on a white background.

## Color Contrast Check

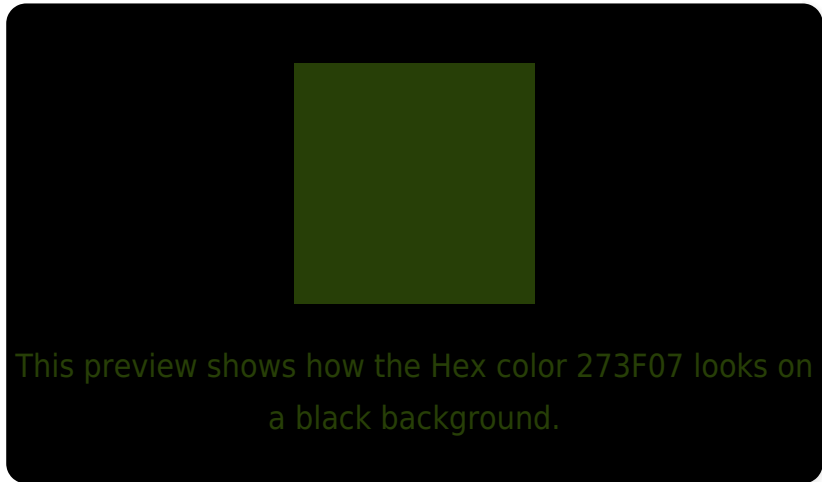
Large Text (above 18pt) WCAG AA ✓ Pass

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

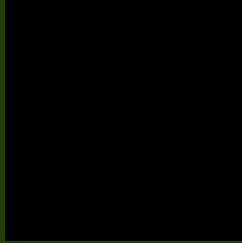
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 273F07 Background



This preview shows how black text looks on a background with the Hex color 273F07.



This preview shows how white text looks on a background with the Hex color 273F07.

# 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**  
273F07

**Protanopia**  
403904

**Deuteranopia**  
47360E



**Tritanopia**  
2E3B3F

# Trichromacy



**Original Color**  
273F07

**Protanomaly**  
373B05

**Deuteranomaly**  
3B390B

**Tritanomaly**  
2B3C2B

# Monochromacy



**Original Color**  
273F07

**Achromatopsia**  
313131

**Achromatomaly**  
2D3622

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 273F07 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 #273F07 looks like.

```
.text, #text, p{  
    color:#273F07  
}
```

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 #273F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273F07
}
```

## Border

The CSS property to change the border of an element to Hex 273F07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

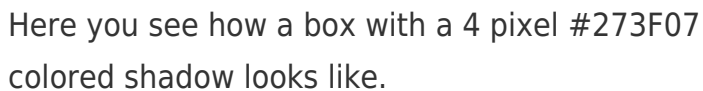
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#273F07 }
```

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

```
.border{ border-color:#273F07 }
```

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



Here you see how a box with a 4 pixel #273F07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273F07; -webkit-box-shadow:4px 4px  
4px 4px #273F07; box-shadow:4px 4px 4px  
4px #273F07 }
```

# Background

The CSS property to change the background color of an element to Hex 273F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273F07 }
```

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

```
.background{ background-color:#273F07 }
```

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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