

# Converting Colors

Hex(274127)

Have a look what the booklet for  
Hex(274127) contains.

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# Color

Hex(274127)

# Conversions

## Conversions Part 1

Format	Color
Hex	274127
RGB	39, 65, 39
RGB Percent	15%, 25%, 15%
CMY	0.8471, 0.7451, 0.8471
CMYK	0.40, 0.00, 0.40, 0.75
HSL	120°, 25%, 20%
HSV	120°, 40%, 25%
XYZ	3.0932, 4.3584, 2.5977
YIQ	54.2620, -7.1500, -13.5980

# Conversions

## Conversions Part 2

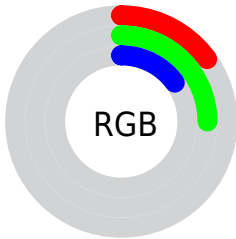
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 65, 65
Decimal	2572583
CIELab	24.82, -16.32, 12.81
CIELCh	25, 20.750, 141.883
Yxy	4.3584, 0.3078, 0.4337
Android (android.graphics.Color)	4280762663 (0xFF274127)
YUV	54.2620, -7.5242, -13.3848
Hunter-Lab	20.8768, -10.0870, 7.2364

# Details

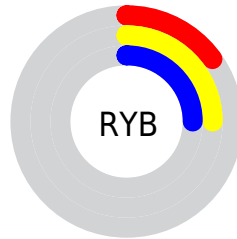
The Hex color **274127** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **412741**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **557154**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **214121**, and if you desaturate by 10%, it is **2E412E**.

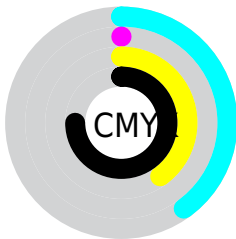
# Distribution



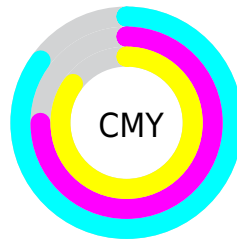
- Red (15%)
- Green (25%)
- Blue (15%)



- Red (15%)
- Yellow (25%)
- Blue (25%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 274127 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 274127 by changing the saturation by 10% instead.



 274127

 274127

FFFFFF

 112B12

 557154

 001800

 6E8B6D

 000000

 88A586

 A2C0A0

 BDDCBB

 D9F9D7

 F6FFF3

 274127

 274127

■ 214121

■ 2E412E

■ 1A411A

■ 344134

■ 144114

■ 3B413B

■ 0D410D

■ 414141

■ 064106

■ 484148

■ 004100

■ 4E414E

■ 554155

■ 5B415B

■ 624162

# Harmonies

## Analogous

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



393E1D



274127



0F4336

# Triad

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



274127



193E5A



592F30

# Complementary

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



274127



412741

# 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.



562F40



274127



363858

# Square

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



274127



004153



4A334E



543323

# Rectangle

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



274127



004341



4A334E



592E35



# Sweetspot

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



274127



4A544A



414127



252B25



ABABAB



2B2B2B



# Same Dimension

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



274127



2C542C



274134



1E211E



006100



00E000



# Inverse Universe

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



412741



542C54



412734



211E21



610061

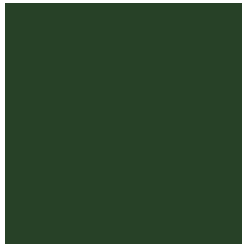


E000E0



# Previews

## White Background



This preview shows how the Hex color 274127 looks on a white background.

## Color Contrast Check

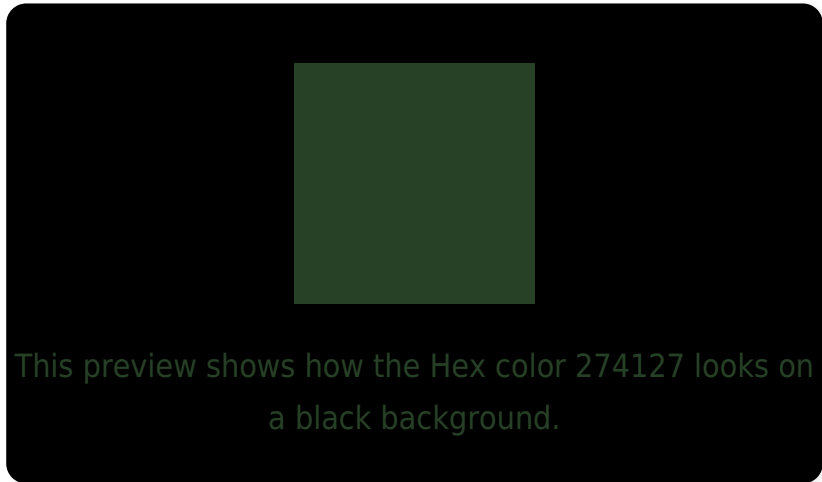
Large Text (above 18pt) WCAG AA ✓ Pass

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

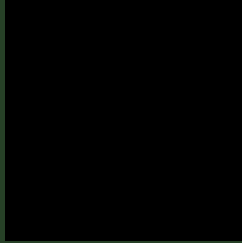
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 274127 Background



This preview shows how black text looks on a background with the Hex color 274127.



This preview shows how white text looks on a background with the Hex color 274127.

# 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**  
274127

**Protanopia**  
403B25

**Deuteranopia**  
463829



**Tritanopia**  
2C3E43

# Trichromacy



**Original Color**  
274127

**Protanomaly**  
373D26

**Deuteranomaly**  
3B3B28

**Tritanomaly**  
2A3F39

# Monochromacy



**Original Color**  
274127

**Achromatopsia**  
363636

**Achromatomaly**  
313A31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 274127 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 #274127 looks like.

```
.text, #text, p{  
    color:#274127  
}
```

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 #274127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274127
}
```

## Border

The CSS property to change the border of an element to Hex 274127 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".

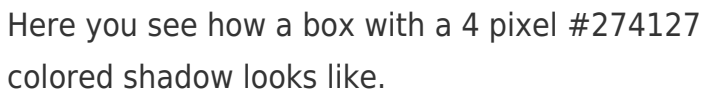
```
.border, #border, table{ border:4px solid
#274127 }
```

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

```
.border{ border-color:#274127 }
```

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

Here you see how a box with a 4 pixel #274127 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 left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274127; -webkit-box-shadow:4px 4px  
4px 4px #274127; box-shadow:4px 4px 4px  
4px #274127 }
```

# Background

The CSS property to change the background color of an element to Hex 274127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274127 }
```

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

```
.background{ background-color:#274127 }
```

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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