

Converting Colors

Hex(274106)

Have a look what the booklet for
Hex(274106) contains.

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Color

Hex(274106)

Conversions

Conversions Part 1

Format	Color
Hex	274106
RGB	39, 65, 6
RGB Percent	15%, 25%, 2%
CMY	0.8471, 0.7451, 0.9765
CMYK	0.40, 0.00, 0.91, 0.75
HSL	86°, 83%, 14%
HSV	86°, 91%, 25%
XYZ	2.7599, 4.2251, 0.8424
YIQ	50.5000, 3.4430, -23.8610

Conversions

Conversions Part 2

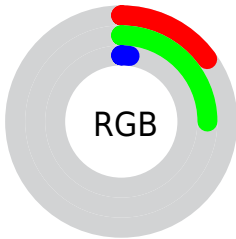
Format	Color
RYB	6, 65, 32
Decimal	2572550
CIELab	24.40, -20.47, 30.02
CIELCh	24, 36.336, 124.280
Yxy	4.2251, 0.3526, 0.5398
Android (android.graphics.Color)	4280762630 (0xFF274106)
YUV	50.5000, -21.9385, -10.0855
Hunter-Lab	20.5550, -12.0045, 11.9588

Details

The Hex color **274106** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **200641**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **577135**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **244100**, and if you desaturate by 10%, it is **2A410C**.

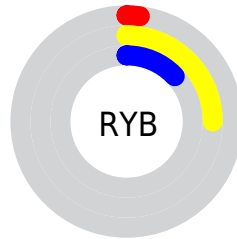
Distribution



Red (15%)

Green (25%)

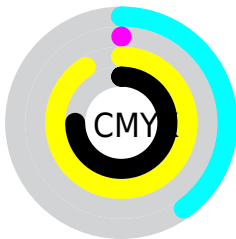
Blue (2%)



Red (2%)

Yellow (25%)

Blue (13%)

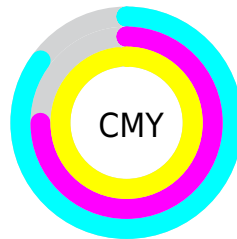


Cyan (40%)

Magenta (0%)

Yellow (91%)

Black (75%)



Cyan (85%)

Magenta (75%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Hex color 274106 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 274106 by changing the saturation by 10% instead.

 274106

 274106

 FFFFEC

 112B00

 577135

 001800

 708B4D

 000000

 8AA565

 A5C07F

 C1DC99

 DDF9B4

 FAFFD0

 274106

 274106

■ 244100

■ 2A410C

■ 2D4113

■ 304119

■ 324120

■ 354126

■ 38412D

■ 3B4133

■ 3E413A

■ 414140

Harmonies

Analogous

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



443A00



274106



004521

Triad

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



274106



00436B



6A1D37

Complementary

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



274106



200641

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.



5E2452



274106



003C71

Square

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



274106



004658



3F3167



67241D

Rectangle

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



274106



004634



3F3167



681E40

Sweetspot

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



274106



4A543D



412006



252B1D



ABABAB



2B2B2B

Same Dimension

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



274106



2F5400



0A4106



20211E



366100



7EE000

Inverse Universe

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



200641



250054



3D0641



1F1E21



2B0061



6300E0

Previews

White Background



This preview shows how the Hex color 274106 looks on a white background.

Color Contrast Check

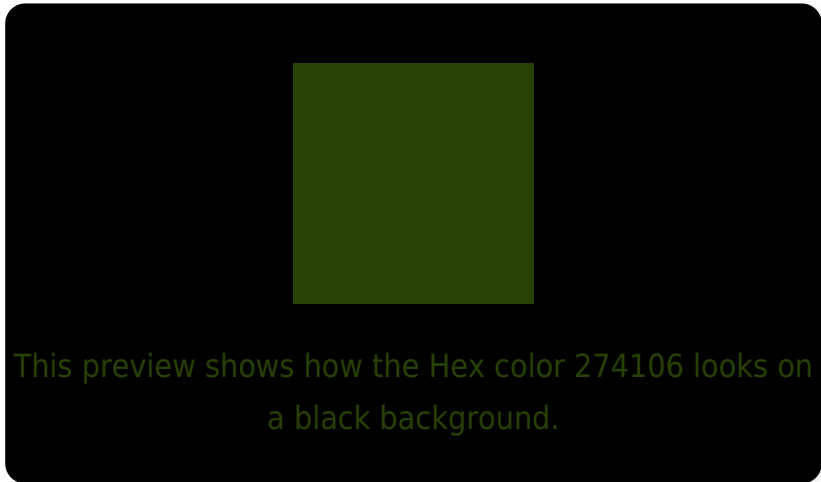
Large Text (above 18pt) WCAG AA ✓ Pass

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

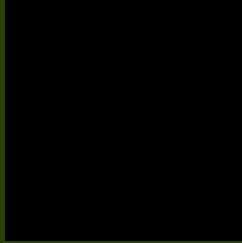
Any Text WCAG AA × Fail

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 274106 Background



This preview shows how black text looks on a background with the Hex color 274106.



This preview shows how white text looks on a background with the Hex color 274106.

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
274106

Protanopia
413A02

Deuteranopia
49370E



Tritanopia
2E3C41

Trichromacy



Original Color
274106

Protanomaly
383D03

Deuteranomaly
3D3B0B

Tritanomaly
2B3E2C

Monochromacy



Original Color
274106

Achromatopsia
333333

Achromatomaly
2F3823

CSS Examples

Text

The CSS property to change the color of the text to Hex 274106 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 #274106 looks like.

```
.text, #text, p{  
    color:#274106  
}
```

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 #274106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274106
}
```

Border

The CSS property to change the border of an element to Hex 274106 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".

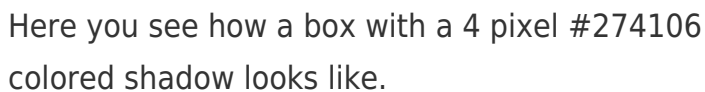
```
.border, #border, table{ border:4px solid
#274106 }
```

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

```
.border{ border-color:#274106 }
```

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

Here you see how a box with a 4 pixel #274106 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274106; -webkit-box-shadow:4px 4px  
4px 4px #274106; box-shadow:4px 4px 4px  
4px #274106 }
```

Background

The CSS property to change the background color of an element to Hex 274106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274106 }
```

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

```
.background{ background-color:#274106 }
```

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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