

Converting Colors

Hex(274151)

Have a look what the booklet for
Hex(274151) contains.

Hex(274151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(274151)

Conversions

Conversions Part 1

Format	Color
Hex	274151
RGB	39, 65, 81
RGB Percent	15%, 25%, 32%
CMY	0.8471, 0.7451, 0.6824
CMYK	0.52, 0.20, 0.00, 0.68
HSL	203°, 35%, 24%
HSV	203°, 52%, 32%
XYZ	4.2122, 4.8060, 8.4902
YIQ	59.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

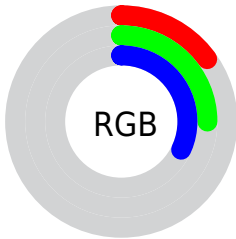
Format	Color
R_{YB}	39, 55, 81
Decimal	2572625
CIE Lab	26.17, -4.85, -12.73
CIE LCh	26, 13.621, 249.152
Yxy	4.8060, 0.2406, 0.2745
Android (android.graphics.Color)	4280762705 (0xFF274151)
YUV	59.0500, 10.8213, -17.5839
Hunter-Lab	21.9226, -4.0677, -7.6161

Details

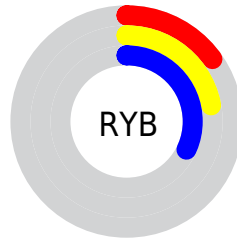
The Hex color **274151** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **513727**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **577182**, and **001724** is the 20% darker color. If you saturate the color by 10%, you get **1F3E51**, and if you desaturate by 10%, it is **2F4451**.

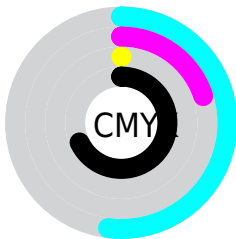
Distribution



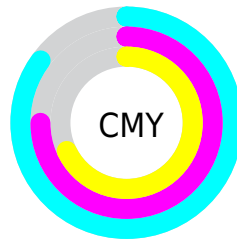
- Red (15%)
- Green (25%)
- Blue (32%)



- Red (15%)
- Yellow (22%)
- Blue (32%)



- Cyan (52%)
- Magenta (20%)
- Yellow (0%)
- Black (68%)



- Cyan (85%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274151 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 274151 by changing the saturation by 10% instead.

■ 274151

■ 274151

FFFFFF

■ 0F2B3A

■ 577182

■ 001724

■ 708A9C

■ 00010E

■ 8AA4B7

■ 000000

■ A5C0D3

■ C0DBEF

■ DCF8FF

■ F9FFFF

■ 274151

■ 274151

■ 1F3E51

■ 2F4451

■ 173B51

■ 374751

■ 0F3851

■ 3F4A51

■ 073551

■ 474D51

■ 003251

■ 505051

■ 585451

■ 605751

■ 685A51

■ 705D51

Harmonies

Analogous

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



1E434B



274151



353E52

Triad

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



274151



53363B



37412E

Complementary

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



274151



513727

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.



423E29



274151



523831

Square

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



274151



4E3746



4C3B2B



2B4336

Rectangle

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



274151



3F3B50



4C3B2B



3B402C

Sweetspot

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



274151



586269



275136



2B3236



B5B5B5



363636

Same Dimension

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



274151



285069



272D51



252729



004169



0090E8

Inverse Universe

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



512741



692850



514B27



292527



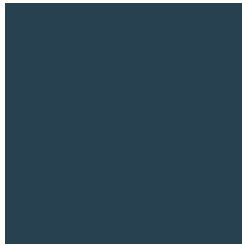
690041



E80090

Previews

White Background



This preview shows how the Hex color 274151 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

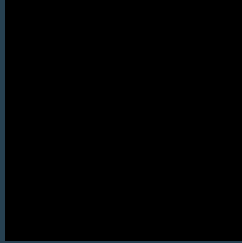
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

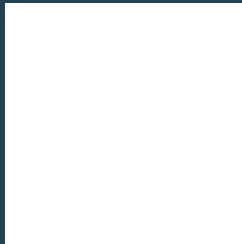
Any Text WCAG AAA × Fail

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

Hex 274151 Background



This preview shows how black text looks on a background with the Hex color 274151.



This preview shows how white text looks on a background with the Hex color 274151.

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](#).

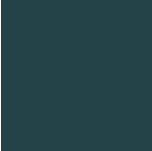
Dichromacy



Original Color
274151

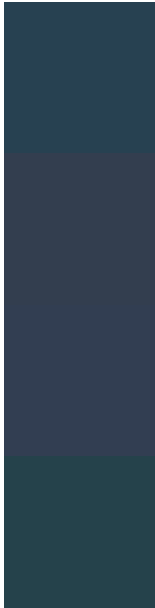
Protanopia
3A3D4E

Deuteranopia
393D52



Tritanopia
244348

Trichromacy



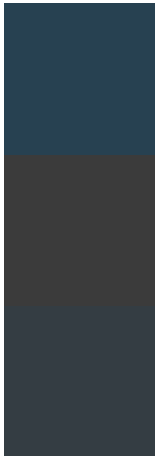
Original Color
274151

Protanomaly
333E4F

Deuteranomaly
323E52

Tritanomaly
25424B

Monochromacy



Original Color
274151

Achromatopsia
3B3B3B

Achromatomaly
343D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 274151 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 #274151 looks like.

```
.text, #text, p{  
    color:#274151  
}
```

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 #274151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274151
}
```

Border

The CSS property to change the border of an element to Hex 274151 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
#274151 }
```

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

```
.border{ border-color:#274151 }
```

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

Here you see how a box with a 4 pixel #274151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274151; -webkit-box-shadow:4px 4px  
4px 4px #274151; box-shadow:4px 4px 4px  
4px #274151 }
```

Background

The CSS property to change the background color of an element to Hex 274151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274151 }
```

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

```
.background{ background-color:#274151 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor